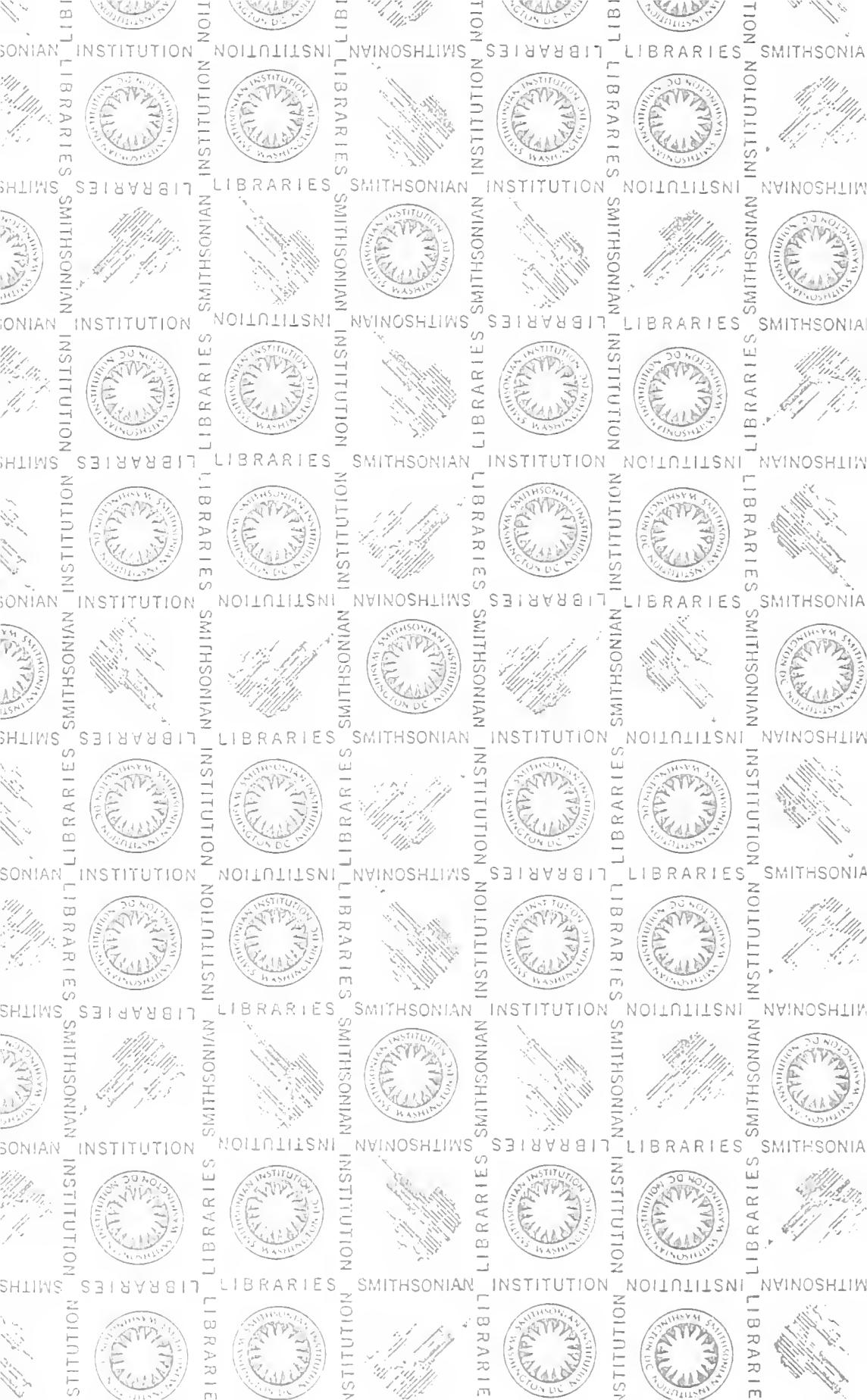
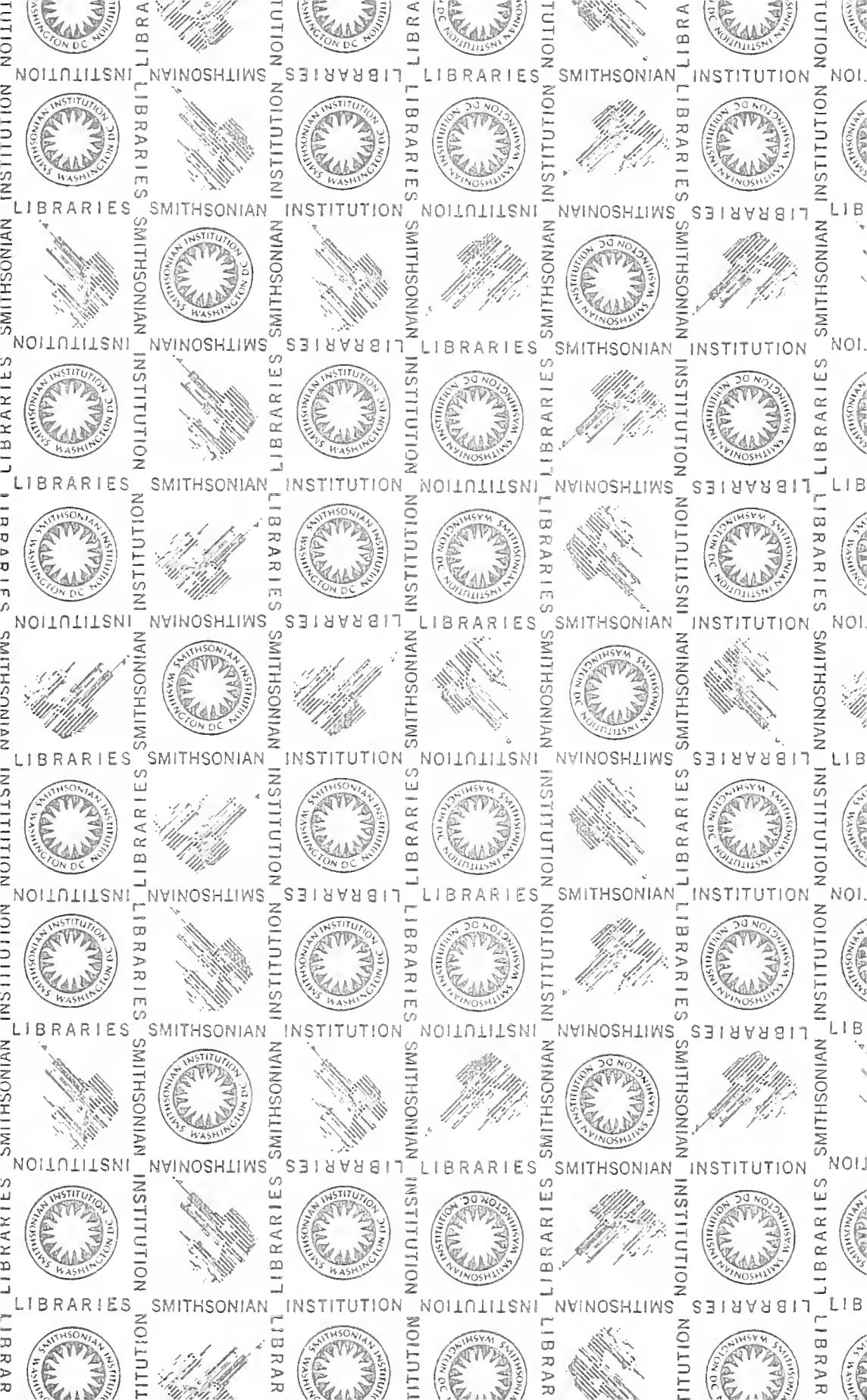


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FOURTH
SUPPLEMENT
1933 to 1938 (inclusive)

to

THE LENG CATALOGUE

of

COLEOPTERA

of

AMERICA, NORTH OF MEXICO

By

RICHARD E. BLACKWELDER

Assistant Curator

in charge of

Coleoptera

AMERICAN MUSEUM OF NATURAL HISTORY

Mount Vernon, N. Y.

JOHN D. SHERMAN, JR.

December

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INTRODUCTION

This fourth supplement to Mr. Leng's catalog of North American Coleoptera is offered by the compiler and by the publisher with the hope that it may help to alleviate a condition which has led to a widespread desire for a complete new catalog. Since there appears to be little chance of financing such a new catalog in the near future, it has been thought worth while to prepare another supplement which would fill some of the more obvious needs.

It is probable that a great many entomologists have no conception of the amount of work involved in the preparation of a bibliographic catalog for publication. The writer, when he undertook the present task, anticipated at most a two or three month job. Work was started about the first of March and has occupied most of the compiler's time continuously till the middle of October. It is doubtful if the work could have been undertaken if it had been known that it would involve such an outlay in time and study.

Although this supplement includes many changes in make-up from that followed in the previous supplements (as will be explained below), it has been the endeavor of the compiler to make it as useful as possible in connection with the original catalog and the other supplements. Although Mr. Leng has not had an active part in this work, all proposed changes in procedure have been examined by him and do, I believe, have his complete approval.

In my opinion it is due principally to the excellence of the original catalog that it is possible to issue supplements which can give any satisfaction. Few coleopterists have contributed so largely to the work of all their colleagues as Mr. Leng, and few large works have been so completely constructive in their nature or so universally indispensable as the "Leng Catalog".

It would seem to be axiomatic that the fourth of a series of supplements should conform in procedure and treatment with the previous parts. In spite of this a glance at the present work will suffice to show that it departs widely from the other supplements. The reasons for these changes are outlined below.

The primary cause of changes in make-up of the supplement was the desire to save space. The complete division of the page into

two columns and the omission of numbers have together increased the space available by twenty to thirty percent. The first of these changes will scarcely be noticed by users of the catalog. The second may meet with disapproval of some, but in its defense may be mentioned the substantial amount of space saved which has been used for the inclusion of revisionary studies.

The second important departure from the previous supplements is in the matter of authorities for new synonyms, records, and other changes. It has been felt that a summary of the compiler's opinions on the status of species and classifications (such as the original catalog properly included to some extent) was of less interest in the supplement than an accurate reporting of what has been published during the last six years and who published it. Accordingly nearly every new proposal is accompanied by a citation to the author of that proposal.

It has been the aim of the compiler to include all new species described up to January, 1939, all synonymy proposed up to the time the manuscript was completed (about September 1, 1939), all new records for North America with synonyms, all contributions to the classification of beetles, and all revisionary studies, whether of families, genera, or groups of species.

Bibliographic references are made as in the catalog by giving the author, date, and page. An indication of distribution is given. Italics have been used always for synonyms, and generic synonyms are in addition placed in parenthesis. Names which were proposed for categories less than species are preceded by a letter denoting the category assigned to them by the writer quoted. These are arranged in indented form to emphasize their status lower than species.

For the first time subgenera are definitely indicated as such. These names are strongly indented and are printed in Roman capitals. Space considerations prevented the insertion of the word subgenus or an abbreviation in these cases, but once the system of type faces is understood, there should be no difficulty. Bold-face is used always for genera, italics for synonyms, and capitals for subgenera. (In the Carabidae only there have recently been proposed some names for "sections" within certain subgenera. These have been printed in small capitals and still more indented than the subgenera.)

Two uses are made of the asterisk (*). Wherever there has been recently published a presumably complete revision of a genus, an asterisk is placed at the left hand margin immediately below the generic name. Any other items which were not included in the revision are separated from the latter by a row of three as-

terisks. Thus the three asterisks always denote the end of a revision or of a subgenus, or of a special rearrangement of genera as mentioned in a footnote.

One of the characteristics of human endeavor is the occasional mistake that is almost inevitably to be found. The most concentrated effort will not prevent a few errors from marring any work. These are generally taken for granted and are scarcely noticed unless they are present in unusual numbers. While examining the sources of the present compilation, the writer was forced to the conclusion that an entirely disproportionate number of the errors in our taxonomic papers on beetles has been made by a relatively small number of workers. For the most part these are errors due to carelessness or indifference, and they usually result from failure to ascertain all the facts or from one's being in too great a hurry to get papers published. A few of these are mentioned in footnotes in the text. Among the more common and very unfortunate errors may be mentioned the following: The renaming of preoccupied genera and species for which there was already one or more available names; failure to give the author of a homonym an opportunity to rename it; changing the name of a genus or species because of page precedence; citing a synonym in parenthesis between the generic and specific names, as *Mylabris (Bruchus) atomus*, where *Bruchus* is not used as a subgenus; failure to follow the Rules strictly in the matter of accepting or correcting the original spelling of names; and extreme carelessness in giving references to older species and in the spelling of the names themselves.

Most of these errors have been copied into the supplement without specific comment, but attention is directed to some by footnotes. In most cases in which there have been changes made by the compiler, this fact is indicated. But in general responsibility and authority for all items are placed directly back on the entomologist who published them. An exception to this statement must be noted in the matter of the bibliographic references. Many of these have been corrected by independent study, and wherever there was a discrepancy the original catalog has been followed (unless ample reasons have been published for the change).

Many of the entomologists whose recent work is included in this supplement were kind enough to check the preliminary lists of their publications. One hundred and one such lists were sent out, and about 85 were returned with the necessary additions or corrections. Many important oversights were thus corrected, and many new items were contributed by these workers from their own studies. Grateful acknowledgment is made to all these friends.

SIGNS AND ABBREVIATIONS

- * indicates a revision of the genus (or other group).
- *** indicates the end of a revision or of a subgenus.
- { before locality indicates that it applies to line above.
- a. aberration.
- n. natio, used by Breuning as a category between subspecies and aberration.
- s. subspecies.
- v. variety.

FOURTH SUPPLEMENT TO CATALOGUE OF COLEOPTERA OF AMERICA, NORTH OF MEXICO

ADDITIONS AND CORRECTIONS TO DECEMBER 31, 1938

CICINDELIDÆ

Omus

bumeroplanatus W. Horn 10-263
Loc. should be Del Norte Co., Cal.¹
submetallicus G. Horn 68-129
s. *niger* Cazier 37-94 Cal.

Megacephala Latr. 02-79

TETRACHA Hope 38-6²
affinis Dej. 25-12
s. *angustata* Chevr. 41-55 C.A. Tex.³
virginica Linn. 66-657
v. *melæna* Cartw. 35-70 S.C. Va.

Cicindela

purpurea Oliv. 90-14 E.U.S.-Sierras
marginalis Fabr. 01-240³
spreta Lec. 57-37 (not Lec. 1848)³
s. auduboni Lec. 45-207 (in part)³
III.-Ut.-Alb.-Minn.
graminea Schp. 83-89 (in part)³
v. *lauta* Csy. 97-296³ Ore. Cal.
franciscana Csy. 13-23³
graminea Schp. 83-89 (in part)³
v. *mirabilis* Csy. 14-358³
v. *nigerrima* Leng 18-139³
Mass.-N.M.-Mont.
auduboni Lec. 45-207 (in part)³
cimarrona Lec. 68-49³
N.M. Colo. Ariz. Ut.
v. *sedalia* Smyth 33-201³ Colo. (Ore.)

¹ Nunenmacher in litt.
² Darlington—35.
³ Nicolay in litt.
⁴ Nicolay—34.

limbalis Klug 34-39³ Mass.-Ky.-Kan.-
amoena Lec. 48-177³ [Alb.
splendida || Lec. 57-36³
militaris Varas 28-242³
s. *limbalis* (s.str.)³
v. *spreta* Lec. 48-177³
v. *transversa* Leng 02-131³
Kan. Mo. D.C. N.J.
s. *awemeana* Csy. 13-23³ Man.
v. *eldorensis* Csy. 13-23³ Ore.
s. *auguralis* Csy. 13-21³ Colo. N.M.
i. *inducta* Csy. 13-22³
a. *ardelio* Csy. 13-21³
splendida Hentz 30-254³ N.C.-Ark.-
discus Klug 34-23³ [Colo.-Neb.
s. *splendida* (s.str.)
v. *cyanoccephala* Varas 29-239³
Neb. Kan.
amoena of Harris 11-8³
s. *denverensis* Csy. 97-297³ Colo. Neb.
g. *graminea* of Csy. 13-21³ [Kan.
v. *conquisita* Csy. 14-357³ Neb. Colo.
o. *oreada* Csy. 14-358³
p. *plattensis* Smyth 33-202³
v. *pugetana* Csy. 14-20³
B.C.-Wash.-Mont.-Wyo.
v. *propinqua* Knaus 22-194³ Nev. Cal.
a. *arida* A. C. Davis 28-65³
v. *ludoviciana* Leng 02-131³ Ark. La.
decemnotata Say 17-19³ Alas.-Cal.-
lantzi Harris 13-68³ [Alb.-Kan.
a. *albertina* Csy. 13-24³
* * *

p. *plutonica* Csy. 97-296
s. *leachi* Cazier 36-124 Cal.
s. *senilis* Horn 66-395 Cal.
e. *exoleta* Csy. 09-272³
f. *frosti* Varas 27-174³

willistoni Lec.	79-507	Wyo.		N.C.
s.echo Csy.	97-298 ¹²	Ut. Cal. Nev.		
amadensis Csy.	09-272 ⁵			
s.pseudosenilis W. Horn	00-117 ⁸			
		Cal. Nev.		
s.spaldingi Csy.	24-14 ³	Ut.		
fulgida Say	23-141	Neb.-N.M.-Wyo.		
wallisi Calder	22-191 ⁵			
azuren Calder	22-62 ⁵			
s.westbournei Calder	22-62 ⁵	Man.		
elgans Calder	22-62 ⁵			
v.subnitens Calder	22-62 ⁵	Neb.		
s.pseudo-willistoni W. Horn	38-13 ⁶	Wy.		
parowana Wiedh.	05-165	Ut. Wash.		
remittens Csy.	24-14 ³			
platti Cazier	37-161 ³	Cal.		
sexguttata Fabr.	75-226			
s.denikei Brown	34-22	Ont.		
politula Lee.	75-159			
s.lactipennis W. Horn	14-32 ⁸	Mex. Tex.		
viridisticta Bates	81-14			
s.arizonensis Bates	84-260 ⁹	Ariz. Mex.		
curlitans Lee.	57-60			
alata Lili.	22-215 ⁹			
pusilla Say	17-21			
s.lunalonga Schp.	83-122 ⁵			
v.wagneri Cazier	37-117 ⁵	Cal.		
californica Men.	44-52			
s.mojavi Cazier	37-116	Cal.		

CARABIDÆ

Trachypachus Mots. 45-86

(*Trachypachus* G. & H. 68-46)¹⁰
(*Trachypachis* Lac. 54-47)¹⁰

zetterstedti (Gyll.)	27-417	Holarctic
transversicollis Mots.	44-86 ¹⁰	
laticollis Mots.	64-194 ¹⁰	
inermis Mots.	64-194 ¹⁰⁻¹¹	
holmbergi Mannh.	53-119 ¹⁰	
oregonus Csy.	20-145 ¹⁰	
specularis Csy.	20-146 ¹⁰	

* * *

CYCHRINI¹²Scaphinotus Latr. 22-87¹

IRICHROA Newm. 38-385

(Megaltridia Csy. 20-175)¹²

andrewsii Harris	39-195	
s.andrewsii Harr	(s.str.) ¹²	N.C. Tenn.
s.seneicollis	Beut.	03-513 ¹² N.C. Tenn.
purpurata	Beut.	18-89 ¹²
v.tricarinata	Csy.	14-25 ¹²
s.violacea Lee.	63-4 ¹²	Ga. N.C.
amplicollis Csy.	20-174 ¹²	
s.germari Chd.	61-495 ¹²	Pa. Va. Tenn.
mutabilis Csy.	20-173 ¹²	
longicollis Csy.	20-173 ¹²	
modulata Csy.	20-174 ¹²	

³ Niclasy 1870-71.⁵ Cazier 37.⁶ W. Horn—38.⁷ Cited as sub-species by Cazier—37.⁸ Benedict—34.⁹ W. Horn—35.¹⁰ Hatch—33.¹¹ Listed as valid by Csiki & Hetschko—33.

guyoti Lec.	66-363			
v.angelli Beut.	18-89 ¹²			
ridingsi Bland.	63-353			
s.ridingsi (s.str.) ¹²		Va. D.C.		
s.monongahela Leng.	17-36 ¹²	Pa. Ten.		
tenuicollis Csy.	20-173 ¹²			
vidua Dej.	26-12			
s.leonardi Harris	39-193 ¹²	N. Allegh.		
s.vidua (s.str.) ¹²		Allegh.		
unicolor Knoch	01-187 ¹²			
s.irregularis Beut.	03-513 ¹²	N.C.		
		SCAPHINOTUS (s.str.) ¹²		
snowi Lee.	81-74			N.M.
roeschkei VanD.	07-118			Ariz.
fuchsii R. Sch.	07-570			Ariz.
vandykei R. Sch.	07-136			Ariz.
corvus Fall.	10-89			Ariz.
petersi Roesch.	07-118			Ariz.
mexicanus Bates	82-320			Ariz. Mex.
kelloggi Dury	12-104			N.M.
biedermannii Roesch.	07-571			Ariz.
elevatus Fabr.	87-198			
s.elevatus (s.str.) ¹²		E.U.S.		
s.tenebriocosmus Roesch.	07-119 ¹²	E.U.S.		
s.unicolor Lec.	53-398 ¹²			
heros Lec.	48-440 ¹²			
s.flammeus Hald.	44-54 ¹²	S.U.S.		
s.dilatatus Lec.	53-398 ¹²	[C.U.S.		
s.floridanus Leng	15-564 ¹²	Fla.		
coloradensis VanD.	07-141	Colo.		
unicolor Fabr.	87-198			
s.unicolor (s.str.) ¹²		C.U.S.		
s.heros Harris	39-196 ¹²	O. Ind.		
s.shoemakeri Leng	14-143 ¹²	D.C.		

Brennus Mots.	65-311 ¹²			
		BRENNUS (s.str.)		
cordatus Lee.	53-399			Cal.
v.vernicatus Csy.	20-183 ¹²			
v.rufitarsis Csy.	20-184 ¹²			
marginatus Fisch.	22-79			
s.marginatus (s.str.) ¹²				
v.gracilis Gehin	85-76 ¹²			
v.insularis Csy.	97-334 ¹²			
v.eupripennis Csy.	97-334 ¹²			
v.confusus Csy.	97-336 ¹²			
v.wrangeli Csy.	20-182 ¹²			
s.fulleri Horn	78-178 ¹²			Ore.
v.fallax Roesch.	07-174 ¹²			
v.montanicus Csy.	20-182 ¹²			B.C.
s.columbianus Csy.	20-180 ¹²			Ore.
s.oregonus Csy.	20-182 ¹²			
interruptus Men.	44-54			
s.interruptus (s. str.) ¹²		Cal.		
s.sinuatus Csy.	97-330 ¹²			
s.compositus Csy.	97-332 ¹²			Cal.
s.constrictus Lee.	53-398 ¹²			Cal.
s.interruptus Lec.	68-60 ¹²			
s.dissolutus Csy.	97-329 ¹²			
s.corpulentus Csy.	97-331 ¹²			
s.parvulicollis Csy.	20-176 ¹²			
s.dissolutus Schaum	63-72 ¹²			Cal.
s.poreatus Csy.	97-328 ¹²			
s.politus Csy.	97-330 ¹²			Cal.
s.montereiensis Csy.	20-177 ¹²			Cal.
s.procerus Csy.	20-179 ¹²			Cal.

¹² Revision of tribe, Vacher de Lapouge—32. Alternate arrangement of certain genera by Van Dyke and Valentine below.

CARABIDÆ

beringi Csy. 20-170	Alaska	s.lecontei Dej. 26-15 ¹²	Can. N.Eng.
obliquus Lec. 68-51	Cal.	<i>stenostomus</i> of Say 25-72 ¹²	
<i>convergens</i> Csy. 97-326 ¹²		<i>niungarensis</i> Cast. 32-390 ¹²	
<i>opacicollis</i> Csy. 97-326 ¹²		<i>diffractus</i> Csy. 14-25 ¹²	
<i>sculptipennis</i> Csy. 97-327 ¹²		<i>s.bacarinatus</i> Lec. 53-399 ¹²	Allegh.
oreophilus Rivers 90-111	Cal.	<i>nitidicollis</i> Chev. 29-24	
<i>v.hoppingi</i> Roesch. 07-183 ¹²		<i>s.brevirostris</i> Lec. 48-443 ¹²	Can. L.Sup.
<i>v.riversi</i> Roesch. 07-183 ¹²		<i>granulosus</i> Chd. 61-497 ¹²	
<i>v.humeralis</i> Csy. 14-30 ¹²		<i>s.nitidicollis</i> (s.str.) ¹²	New World
ventricosus Dej. 31-527	Cal.	<i>s.schaumi</i> Chd. 61-499 ¹²	Ohio
<i>s.ventricosus</i> (s.str.) ¹²		<i>nitidicollis</i> of Lec. 48-443 ¹²	
<i>striatopunctatus</i> Lec. 53-398 ¹²		* * *	
<i>s.lativentris</i> Mots. 50-358 ¹²			
<i>strictus</i> Csy. 97-321 ¹²		Scaphinotus Dej. 26-17	
<i>ventricosus</i> of Csy. 97-321 ¹²		* SCAPHINOTUS (s.str.) ^{13 14}	
<i>v.fuchsianus</i> Rivers 90-71 ¹²		<i>snowi</i> Lec. 81-74	N.M. Colo. Ut. Ariz.
<i>s.crenatus</i> Mots. 59-161 ¹²	Cal.	<i>v.parkeri</i> VanD. 38-101 ¹⁴	Ariz.
<i>gentilis</i> Csy. 97-322 ¹²		<i>roeschkei</i> VanD. 07-135	Ariz.
<i>v.striatus</i> Lec. 59-69 ¹²	Cal.	<i>kelloggi</i> Dury 12-104	N.M.
<i>productus</i> Csy. 14-29 ¹²	Cal.	<i>vandykei</i> Roesch. 07-136	Ariz.
<i>striatopunctatus</i> Chd. 44-476	Cal.	<i>v.fuchsii</i> Roesch. 07-570 ¹⁴	Ariz.
<i>subdepressus</i> Csy. 20-177 ¹²		<i>grahami</i> VanD. 38-107	Ariz.
<i>v.decipiens</i> Csy. 97-316 ¹²		<i>petersi</i> Roesch. 07-137	Ariz.
<i>v.alternatus</i> Mots. 59-162 ¹²		<i>v.catalinae</i> VanD. 38-110 ¹⁴	Ariz.
<i>striatopunctatus</i> of Csy. 97-314 ¹²		<i>biedermannii</i> Roesch. 07-571	Ariz.
<i>ovalis</i> of Csy. 97-315 ¹²		<i>mexicanus</i> Eates 82-320	Mex. Ariz.
<i>v.ovalis</i> Mots. 59-162 ¹²		<i>corvus</i> Fall 10-89	Ariz.
<i>subtilis</i> Schaum 63-78	Cal.	<i>elevatus</i> Fabr. 87-198	
<i>punctatus</i> Lec. 59-69	Cal.	<i>Fla.-N.Y.-Alb.-N.M.</i>	
<i>s.punctatus</i> (s.str.) ¹²	Cal.	<i>s.elevatus</i> (s.str.) ¹³	N.Y.-N.C.-Kan.
<i>gravidus</i> Csy. 97-317 ¹²		<i>s.flammeus</i> Hald. 45-54 ¹⁴	O.-Aik.-Ia.
<i>s.catenulatus</i> Csy. 97-324 ¹²	Cal.	<i>tilatatus</i> Lec. 53-398 ¹⁴	
<i>s.mimus</i> Horn 78-182 ¹²	Cal.	<i>s.tenebricosus</i> Roesch. 07-141 ¹⁴	N.J.-
<i>rugiceps</i> Horn 72-143	Ore.	<i>tenebrosus</i> of authors ¹¹	[S.C.]
<i>s.rugiceps</i> (s.str.) ¹²		<i>unicolor</i> Lec. 53-398 ¹⁴	
<i>s.incipiens</i> Csy. 97-313 ¹²		<i>heros</i> Lec. 48-440 ¹¹	
<i>s.congener</i> Csy. 14-28 ¹²		<i>s.lengi</i> VanD. 38-122 ¹⁴	Va.
<i>cristatus</i> Harris 39-200	Ore.	<i>s.coloradensis</i> VanD. 07-141 ¹⁴	
<i>s.cristatus</i> (s.str.) ¹²	Cal.	<i>Colo.-N.M.-Neb.</i>	
<i>s.reticulatus</i> Mots. 50-90 ¹²	Cal.	<i>s.neomexicanus</i> VanD. 24-1 ¹¹	N.M.
<i>cristatus</i> of Lec. 68-60 ¹²		<i>unicolor</i> Fabr. 87-198	Md.-Fla.-O.-Mo.
<i>duplicatus</i> Csy. 97-312 ¹²		<i>s.unicolor</i> (s.str.) ¹⁴	Ala.
<i>basalis</i> Csy. 97-311 ¹²		<i>s.shoemakeri</i> Leng 14-143 ¹⁴	
<i>PEMPHUS</i> Mots. 65-312 ¹²		<i>D.C. Md. Va. Ala.</i>	
<i>angusticollis</i> Fisch. 24-42		<i>s.heros</i> Harris 39-196 ¹⁶	
<i>s.nigripennis</i> Roesch. 07-167 ¹²	Alas.	<i>O. Ind. Ky. Tenn. Mo.</i>	
<i>vetutinus</i> Lec. 68-60 (part) ¹²	[B.C.]	<i>s.floridanus</i> Leng 15-564 ¹⁴	(Fla.)
<i>s.angusticollis</i> (s.str.) ¹²	Alas.		
<i>debilis</i> Dej. 31-526 ¹²	B.C.		
<i>s.longipes</i> Csy. 97-339 ¹²	Cal.		
<i>s.velutinus</i> Men. 44-53 ¹²	Cal.		
<i>opacus</i> Csy. 99-97 ¹²			
<i>NEOCYCHRUS</i> Roesch. 07-198 ¹²			
<i>angulatus</i> Harris 39-200	B.C.-Ore.		
<i>behrensi</i> Roesch. 07-124	Cal.		
Cyphrus Fabr. 94-440 ¹²			
* <i>hemphillii</i> Horn 78-184			
<i>s.rickseckeri</i> Lec. 84-2 ¹²	Mont. Ida.		
<i>s.hemphillii</i> (s.str.) ¹²	Ut. Wyo.		
<i>tuberculatus</i> Harris 39-200	Alas.-Cal.		
<i>pustulosus</i> Csy. 05-160 ¹²			
Sphaeroderus Dej. 26-24 ¹²	Can.-Car.		
* <i>canadensis</i> Chd. 61-498			
<i>palpalis</i> Mots. 65-312 ¹¹			
<i>v.blanchardi</i> Leng 16-41 ¹²			
<i>stenostomus</i> Weber 01-43			
<i>s.stenostomus</i> (s.str.) ¹²	Va. Pa. Ind.		
<i>indianae</i> Blatch. 10-42 ¹²			

¹³ See alternate arrangement by Lapouge, above.

¹³ Revision of subgenus. Van Dyke—38

¹⁵ Arrangement of subgenera and species, Valentine—35.

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¹⁷ Revision of subspecies, Valentine—36.

s.darlingtoni Val.	35-356	^{15 17}	Ten. N.C.
s.barksdalei Val.	36-230	¹⁷	N.C.
s.germari Chd.	61-495	^{15 17}	
			Pa.-N.C.-Ky.
s.mutabilis Csy.	20-173	¹⁷	Pa. W.Va.
longicollis Csy.	20-173	¹⁷	[O. Ky.]
modulata Csy.	20-174	¹⁷	
s.waldensis Val.	35-357	^{15 17}	Tenn.
violacea Lec.	63-4	¹⁵	
s.violacea (s.str.) ¹⁵			Ga. N.C.
s.carolinæ Val.	35-358	¹⁵	N.C.
aeneicollis Beut.	03-513	¹⁵	N.C.
tricarinata Csy.	14-25	¹⁵	N.C. Tenn.
guyoti Lec.	66-363	¹⁵	N.C. Va.
v.angeli Beut.	18-89	¹⁵	N.C.
confusus Darl.	31-146	¹⁵	
loddingi Val.	35-364		
s.loddingi (s.str.) ¹⁵			Ala.
s.obscura Val.	35-366	¹⁵	Ala.
ridingsi Bland	63-354		
s.ridingsi (s.str.) ¹⁵			Va.
s.monongahelæ Leng.	17-36	¹⁵	Pa.
tenuiceps Csy.	20-172	¹⁵	
s.intermedia Val.	35-368	¹⁵	Va.

		GEHRINGIINI
Gehrungia	Darl.	33-110
• olympica	Darl.	33-111

Wash. Mont.

violacea (s.str.) ¹⁵			
s.carolinæ Val.	35-358	¹⁵	N.C.
aeneicollis Beut.	03-513	¹⁵	N.C.
tricarinata Csy.	14-25	¹⁵	N.C. Tenn.
guyoti Lec.	66-363	¹⁵	N.C. Va.
v.angeli Beut.	18-89	¹⁵	N.C.
confusus Darl.	31-146	¹⁵	
loddingi Val.	35-364		
s.loddingi (s.str.) ¹⁵			Ala.
s.obscura Val.	35-366	¹⁵	Ala.
ridingsi Bland	63-354		
s.ridingsi (s.str.) ¹⁵			Va.
s.monongahelæ Leng.	17-36	¹⁵	Pa.
tenuiceps Csy.	20-172	¹⁵	
s.intermedia Val.	35-368	¹⁵	Va.

		CARABINI
Carabina	"	

Carabus	Linn.	58-413
• (hummeli Fisch., not N. American) ²⁴		

CARABUS (s.str.)²⁴EUCARABUS Geh. 85-xxi²⁴

chamissonis Fisch.	20-88	Alas.-Greenl.
brachyderus Wiedem.	24-110	²⁴ [N.H.]
groenlandicus Dej.	31-554	²⁴
washingtoni Csy.	20-155	²⁴
vinctus Web.	01-42	²⁵ N.Y.-Ga.-Ind.-Ont.

ligatus Germ.	24-6	²⁴
interruptus Say	25-76	²⁴
carinatus Dej.	26-79	^{24 25}
georgiae Csiki	27-185	²⁴

Ilmbatus Say	25-77	²⁵ N.Y.-Ga.-Ill.-Ont.
goryi Dej.	31-544	²⁴

mæander Fisch.	22-103	²⁷ Sib. N.A.
incompletus Fisch.	27-303	²⁴
ehrenbergi Fisch.	29-368	²⁴
palustris Lec.	48-444	²⁴
hudsonicus Mots.	65-293	^{24 25}
lapilayi Dohrn	78-362	²⁴
simoni Heyd.	79-163	^{24 25}
excavatus Kr.	80-337	²⁴
excostatus Kr.	80-338	²⁴
obscuratus Geh.	85-26	²⁴
lecontei Geh.	85-27	²⁴
mongolicus Lap.	05-305	²⁴
lecontei Angell	14-75	²⁴
n.lapilayi Cast.	35-89	^{24 25} Newf. St.P.
atlanticus Lap.	24-191	²⁴ [M. & S.]

ARCHICARABUS Seidl. 87-6^{24 29}

nemoralis Müll.	64-21	³⁰
n.nemoralis (s.str.) ²⁴		
foetens Voet	78-71	²⁴
hortensis Fabr.	75-237	²⁴
nigrescens Letz.	50-85	²⁴
virescens Letz.	50-85	²⁴
tristis DallaT.	77-27	²⁴
krasae Roub.	03-380	²⁴
brunnipes Lap.	08-19	²⁴
deletus Lap.	08-20	²⁴
canadensis Lap.	08-19	^{24 25}
auratus Heuer	26-332	²⁴
lestagei Basil	30-62	²⁴

²⁴ Revision of subtribe, Breuning—32-37.
²⁵ Placed by Lapouge—32 in genus Lichnocarabus Reitt. 96-161. (Synonyms Mesocarabus Gehin 85-16 and Limnocarabus Gehin 85-27).

²⁶ Listed as subspecies by Lapouge—32.
²⁷ Placed in subgenus Paracarabus Lap. 32-630 by Lapouge—32.

²⁸ Listed as genus by Lapouge—32.

²⁹ Vacher de Lapouge—32 (Revision of part of tribe with arrangement differing from that of Breuning.)

³⁰ Listed as synonym by Nicolay & Weiss—34.
³¹ Van Dyke in litt.

³² Darlington—33.

Neocyprinus

longiceps VanD. 24-5 (Brennus)²²

Sphaeroderus¹⁹

canadensis Chd.	61-498	
s.canadensis (s.str.) ²³		Ont. H.B.T.
palpalis Mots.	65-312	²³ [N.Eng.]
blanchardi Leng.	16-41	²³ [N.C.]
s.lengl Darl.	33-63	²³ N.C. Tenn.

¹⁸ Arrangement of subgenera and species, Valentine—35.

¹⁹ Revision of subspecies, Valentine—36.

²⁰ Listed as valid genus by Lapouge—32, with Sphaeroderus (part) as synonym and subgenus Pseudonomaretus Röschke (Maronetus Csy.=).

²¹ Vacher de Lapouge—32. (Revision of part of tribe with arrangement differing from that of Breuning.)

²² Listed as synonym by Nicolay & Weiss—34.

²³ Van Dyke in litt.

²⁴ Darlington—33.

OREOCARABUS Geh. 76-12 ²⁴
OREOCARABUS (s.str.)²⁴
 tædatus Fabr. 87-196 Alas.-N.M.-Man.
 s.tædatus (s.str.)²⁴
seriatus Wied. 21-109 ²⁴
baccivorus Fisch. 23-87 ²⁴
gladiator Mots. 65-285 ²⁴
patulicollis Csy. 13-57 ²⁴
franciscanus Csy. 13-58 ²⁴
bicanaliceps Csy. 20-154 ²⁴
stocktonensis Csy. 20-155 ²⁴
s.agassii Lec. 50-209 ²⁴ Ore.-N.M.-Man.
oregonensis Lec. 54-16 ²⁴
gladiator || Heyd. 79-161 ²⁴
canadicus Rœsch. 00-68 ²⁴
montanicus Csy. 13-58 ²⁴
s.coloradensis Breun. 33-719 ²⁴ Colo.
 DiOCARABUS Reitt. 96-185 ²²
lutshnikianus Basil. 37-63 Alaska
 ORINOCARABUS Kr. 78-328 ²⁴
truncaticollis Esch. 29-22 ³³ Alas., Sib.
s.alaskensis Basil. 37-63 Alaska
 MESOCARABUS Thoms. 75-640 ²⁴
problematicus Hbst. 86-177
s.gallicus Geh. 85-15 ²⁴ Eur.Asi.Acal.
n.gallicus (s.str.)²⁴
intricatus || Oliv. 95-20 ²⁴
austriacus Strm. 15-78 ²⁴
dissitus Fisch. 27-170 ²⁴
californicus Mots. 65-287 ²⁴
beauvoisi Kr. 78-158 ²⁴
catenulatus of authors ²⁴
problematicus Lap. 16-81 ²⁴
scandinavicus Born. 26-65 ²⁴
curris Csiki 27-79 ²⁴
lhommei Hoffm. 28-12 ²⁴
 HEMICARABUS Geh. 85-xix ^{24 30 34}
HEMICARABUS (s.str.)²⁴
serratus Say 25-77 ³⁰ Que.-Va.-N.M.-B.C.
lineatopunctatus Dej. 26-77 ²⁴
ligatus Kby. 37-18 ²⁴
canadensis Melsh. 53-10 ²⁴
vegasensis Csy. 13-59 ²⁴
s.tatumii Mots. 65-293 ²⁴ H.B.T. Newf.
 EURYCARABUS Geh. 85-xxi ²⁴
 TANACARABUS R. 96-135 ²⁴
forrieri Bates 82-320 ³⁵ Mex. Ariz.
sylvosus Say 25-75 Vt.-Fla.-Kan.
Iherminieri Dej. 26-151 ²⁴
finitimus Hald. 52-373 Ut.Tex.Okla.Ala.
lecontei Csy. 13-57 ²⁴
caseyi Ang. 14-75 ²⁴
 PROCRUSTES Bon. 09-39 ²⁴
MEGODONTES Sol. 48-58 ²⁴
vietinghoffi Ad. 12-170
s.vietinghoffi (s.str.)²⁴
n.vietinghoffi (s.str.)²⁴ Sib. Alas.
 (B.C. H.B.T.
(n.fulgidus Fisch., not *N.* Amer.)²⁴

³² Basilewsky—37.³³ Placed in Diocarabus by Basilewsky—37.³⁴ Reference given as 76-25 by Gehin.³⁵ Van Dyke—38.

Calosoma

* CALLITROPA Mots. 65-300 ³⁶
protractum Lec. 62-52
dolens Chd. 69-376 ³⁶
 * * *
morrisoni Horn 85-128 Colo.
prominens Lec. 53-400
v.parvicolle Fall 10-90 ³⁶
clemens Csy. 14-32 ³⁶
subgracile Csy. 13-63 ³⁶
pertinax Csy. 20-163 ³⁶
glabratum Dej. 31-565 S.Am. C.Am.
v.sponsum Csy. 97-340 ³⁶
eremicola Fall 10-91 ³⁶
incertum Lapouge 24-38 ³⁶
hospes Csy. 13-63 ³⁶
parviceps Csy. 97-341 ³⁶
rugosipenne Schffr. 11-113 ³⁶
 PARACALOSOMA Br. 27-145 ³⁶
palmeri Horn 76-199 ³⁶
 * * *

Callisthenes

discors Lec. 57-31
v.dietzi Schffr. 04-197 ³⁶
v.schaefferi Breun. 28-80 ³⁶
irregularis || Schffr. 15-235 ³⁶
striatus Breun. 28-86
striatulus || Lec. 59-4 ³⁶
luxatus Say 23-149
klamathensis Csy. 20-169 ³⁶
v.zimmermanni Lec. 49-445 ³⁶
parowanus Csy. 20-167 ³⁶
debilis Csy. 20-167 ³⁶
tegulatus Csy. 13-72 ³⁶
viator Csy. 13-72 ³⁶
v.pimeloides Walk. 66-312 ³⁶
pustulosus Csy. 13-73 ³⁶
a.striatus Breun. 28-86 ³⁶
reflexus Csy. 20-164 ³⁶
semotus Csy. 20-166 ³⁶
utensis Csy. 20-165 ³⁶
a.subasperatus Schffr. 15-235 ³⁶

³⁶ Csiki and Hetschko—33.³⁷ Leng Catalog.

Elaphrus Fabr. 75-227

TRICHELAPHRUS Sem. 26-39

horni Csiki 27-420

viridis Horn 78-52

Nebria Latr. 06-221

NEBRIA (s.str.)¹⁷

crassicornis VanD. 25-121

meanyi VanD. 25-118

piperi VanD. 25-117

schwarzi VanD. 25-116

NEBRIOLA Dan. 03-164¹⁸

lyelli VanD. 25-120

riversi VanD. 25-115

spatulata VanD. 25-119

kincaidi Schw. (0-525)

columbiana Csy. 13-48¹⁹

paradisi Darl. 31-24²⁰

kincaidi Binn. 25-264²¹

vandykei Darl. 30-104²²

Oxydrepanus Putz. 66-103

 * *rufus* Putz. 46-564²³

Cuba, Fla.

brivicarinatus Putz. 46-571²⁴

Clivina

oregona Fall 22-164 (*Dyschirius*)²⁵

Goniotropis Gray 32-273²⁶

 * *parca* Lec. 84-2²⁷

Ariz.

Psydrus Lec.

 * (*Monilipatrobis* Hatch 33-118)²⁸

piceus Lec. 46-154

Cal.-L.Sup.

punctatus Hatch 33-118²⁹

Bembidion

PLATAPHUS Mots. 64-184³⁰

planiusculum Mannh. 43-215

basicorne Notm. 20-185 (*Micromelomalus*)³¹

nigrum Say 23-55³²

quadrulum Lec. 61-346³³

recticolle Lec. 63-19³⁴

concolor Kby. 37-54³⁵

EUPETEDROMUS Net. 11-190³⁶

lengi Notm. 19-98³⁷

PLATAPHODES Gglb. 92-152³⁸

kuprianovi Marsh. 43-217

bucolicum Csy. 18-34 (*Trechonephra*)³⁹

 * * *

planum Hald. 43-303

vulsum Csy. 18-55⁴⁰

filicorne Csy. 18-56⁴¹

¹⁷ Cited as valid by Lec. 1886.

¹⁸ Lec. 1886.

¹⁹ Banninger—33.

²⁰ Darlington—33.

²¹ Csiki—Col. Cat. p. 92.

²² Fall in litt.

²³ Listed as a valid genus by Csiki & Hetschko—33, but placed in tribe Ozanini rather than Panzerini as by Leng.

²⁴ Csiki & Hetschko—33.

²⁵ Hatch—37.

²⁶ Csiki—Col. Cat. p. 126.

²⁷ Nicollay & Weiss—34.

²⁸ Csiki—Col. Cat. p. 98.

²⁹ Nicollay & Weiss—34.

³⁰ Nicollay & Weiss—34.

CARABIDÆ

TRICHOPLATAPHUS Net. 14-

[51⁴²]

fugax Lec. 48-467⁴³

champlaini Csy. 18-56⁴⁴

 * * *

grapei Gyll. 27-403⁴⁵

caducum Csy. 18-80

albidipenne Csy. 18-80⁴⁶

petulans Csy. 18-81⁴⁷

imperitum Csy. 18-81

prociduum Csy. 18-81⁴⁸

?simulator Csy. 18-93⁴⁹

FURCACAMPA Net. 31-158⁵⁰

affine Say 23-86 (*Notaphus*)⁵¹

 * * *

anguliferum Lec. 52-185 N.S.-N.Eng.-

habile Csy. 18-162⁵² [B.C.-Cal.]

ANILLINI

*Anillina*⁵³

Anillinus Csy. 18-167

(Anillaspis Csy. 18-168)⁵⁴

explanatus Horn 88-26

Cal.

debilis Lec. 53-397

Cal. Tex.

fortis Horn 68-127

D.C.-Ga.-Tenn.

carolinæ Csy. 18-168⁵⁵

dohrni Ehlers 84-36

Fla.

affabilis Brues 02-361

Tex.

 * * *

Tachys

nanus Gyll. 10-39

inornatus Say 23-88⁵⁶

rivularis Mots. 50-8⁵⁷

PATROBINI⁵⁸

Patroboidea VanD. 25-67

 * *rufa* VanD. 25-69

Alas.-Wash.

Platypatrobis Darl. 38-146

 * *lacustris* Darl. 38-146

L.Sup.

Diplous Mots. 50-10

 * *(Platidius* Chd. 71-51)⁵⁹

californicus Mots. 59-123 *Cal.-Mont.*

trochanterinus Lec. 69-375⁶⁰ [B.C.]

latipennis Csy. 18-399⁶¹

incisus Csy. 18-399⁶²

strenuus Csy. 18-400⁶³

rectus Csy. 18-400⁶⁴

sierranus Csy. 18-401⁶⁵

breviusculus Csy. 18-401⁶⁶

aterrimus Dej. 28-32 *Alas.-Ore.-Colo.*

fuleratus Dej. 69-374⁶⁷

breviceps Csy. 18-402⁶⁸

tenuitarsis Csy. 18-403⁶⁹

coloradensis Csy. 18-403⁷⁰

reflexus Csy. 18-403⁷¹

⁵⁵ Cited as valid by Henriksen—35.

⁵⁶ Revision of subtribe, Jeannel—37.

⁵⁷ Revision of tribe, Darlington—38.

⁵⁸ Csiki—Col. Cat. p. 98.

filicornis Csy. 18-404 Cal.-B.C.
aterrimus of Horn (part)⁴⁹
rugicollis Rand. 38-560 N.E.N.A.
angicollis Rand. 38-1 (missprint)⁴⁹
longipalpis Notm. 19-231⁴⁹

Patrobns Dej. 21-10
* **NEOPATROBUS** Darl. 34-155
longicornis Say 25-40 Newf.-B.C.-Fla.-
americanus Dej. 28-34⁴⁹ [Ariz.
lecontei Chd. 71-47
s.lecontei (s.str.)⁴⁹ Colo.-Alb.-L.Sup.
rufipes || Lec. 63-18⁴⁹ [H.B.T.
septentrionis Horn 75-130 (part)⁴⁹
canadensis Csy. 24-67⁴⁹
s.gravidus Darl. 38-159⁴⁹ Newf.
fossifrons Esch. 23-104
s.fossifrons (s.str.)⁴⁹ Alaska
longiventris Mannh. 53-145⁴⁹
fulvus Mannh. 53-145⁴⁹
latiusculus Chd. 71-46⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.dimorphicus Darl. 38-161 Alas.-Cal.-
[i.Colo.
s.stygicus Chd. 71-46⁴⁹ Alas.-B.C.-
[Lab.-Newf.
tenuis || Csy. 20-186 (not 1918)⁴⁹
PATROBUS (s.str.)
septentrionis Dej. 28-29 Eur. Sib. Alas.-
fossor || O. Fab. 80-190⁴⁹ [Newf.
hyperboreus Dej. 28-30⁴⁹
fossifrons || Chd. 71-44⁴⁹
labradorinus Csy. 18-395⁴⁹
minuens Csy. 18-396⁴⁹
tenuis || Csy. 18-396 (not Gsy. 1920)⁴⁹
tritus Csy. 20-186⁴⁹
GEOPATROBUS Darl. 38-157

foveocollis Esch. 23-105
s.foveocollis (s.str.)⁴⁹ Alaska
fossifrons Dej. 28-31⁴⁹
foveocollis Chd. 71-45 (part)⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
s.tenuis Lec. 50-207⁴⁹ Alas.-Colo.-Lab.-
angusticollis Mannh. 53-146⁴⁹ [N.Y.
foveocollis Chd. 71-45 (part)⁴⁹
tenuis Chd. 71-46
obtusiusculus Chd. 71-43⁴⁹
septentrionis Horn 75-130 (part)⁴⁹
laeviceps Csy. 18-397⁴⁹
insularis Csy. 18-397⁴⁹

* * *

Trechus Clairv. 06-22
TRECHUS (s.str.)
obtusus Er. 37-122⁵¹ Eur. Wash.
quadristriatus || Duft. 12-185⁵⁰
tristis || Steph. 27-170⁵⁰
? laevis Steph. 32-384⁵⁰
castanopterus Heer 41-120⁵⁰
chalymbaeus Dej. 31-17
v.brachyderus Jeann. 31-432⁵² Mt. Wy.
v.californicus Mots. 45-347⁵² Alas.-Ore.
v.tahoensis Csy. 18-407⁵² Cal. Nev.

coloradensis Schffr. 15-48
v.arcticollis Jeann. 31-428⁵² Ida.
v.gravidulus Jeann. 31-429⁵² N.M.
ovipennis Mots. 45-348
v.conformis Jeann. 27-188⁵²

Lasiotrechus Ganglb. 92-187
* *(Blemus* || Redt. 58-67)⁵⁰
discus Fabr. 01-207^{53 54} Eur. Asia, Que.

PTEROSTICHINI

Stereocerus Kby. 37-34⁵⁵
Cylindrocharis Csy. 18-326
* *grandiceps* Lec. 48-336 Tenn.-N.C. Ga.
rostrata of Csy. 18-327⁵⁶
rostrata Newm. 38-387 Me.-Tenn.
sulcatula Csy. 18-327⁵⁶
piceata Csy. 18-327⁵⁶

Pterostichus
* *ORSONJOHNSONUS* Htch 33-119
johsoni Ulke 89-59⁵¹ Ore. Wash.
OMASEUS Steph. 28-67
vulgaris Linn. 58-415 Eur. B.C.-Ore.
melanarius Ill. 98-163^{51 57 58}
* *HYPHERPES* Chd. 38-8⁵³
tuberculo-femoratus Hatch 36-701 Ore.
castaneus Dej. 28-326 Alas.-Ore.
novellus Csy. 18-102 B.C.-Cal.
metlakatlae Csy. 13-102 B.C.
terracensis Csy. 24-68 B.C.
stoicus Csy. 24-68 B.C.
amethystinus Mannh. 43-201 Alas.-Cal.
scutellaris Lec. 73-312 Cal.
ecarinatus Hatch 36-702 Ida. Wash.

* * *

* *LEPTOFERONIA* Csy. 18-336⁵⁹
oregonus Csiki 30-582 Wash. Ore.
longicollis Lec. 52-239⁵⁹
infernalis Hatch 36-705 Ore.
fenyesi Csiki 30-582 Cal.-Ore.
ovicollis Schffr. 10-393⁵⁹
sphodrinus Lec. 63-10 Ida. Wash.
fuchsii Schffr. 10-392 Cal.
fugiens Csiki 30-582
fugax Csy. 18-337⁵⁹
larvalis Csy. 18-337⁵⁹
humilis Csy. 13-128⁵⁹
horni Lec. 73-313 Cal.
idahoensis Hatch 36-706 Ida.
angustus Dej. 28-328 Cal.
crucialis Csy. 18-126⁵⁹
inanis Horn 91-32 Wash.-Cal.-Nev.
idahoæ Csiki 30-582 Ida.
elongatus || Schffr. 10-365⁵⁹
beyeri VanD. 25-71 Mont.

⁵³ Chagnon—34.
⁵⁴ Chagnon—35.
⁵⁵ Transferred from Amarini by Leech—35.
⁵⁶ Nicolay & Weiss—34.
⁵⁷ Numerous other synonyms listed in Csiki—Col. Cat. p. 112.
⁵⁸ Leech—35.
⁵⁹ Revision of subgenus, Hatch—36.

termitiformis VanD. 25-74
 falli VanD. 25-73
 caligans Horn 91-33
 ITHYTOLUS Bates 84-277
 arizonicus Schffr. 10-393 ⁶⁰

Anilloferonia VanD. 26-115
 * testacea VanD. 26-116
 lanei Hatch 35-116

Euferonia Csy. 18-365 ⁶¹

* iripennis Nic. & Weiss 34-200
 stygica Say 25-41 S.C.
 bisigillatus Harris 28-123 ⁶¹
 rugicollis Hald. 43-300 ⁶¹
 picipes Newm. 38-377 ⁶¹
 quadrifera Csy. 18-366 ⁶¹
 proba Csy. 13-133 ⁶¹
 ingens Csy. 18-367 ⁶¹
 umbonata Csy. 18-368 ⁶¹
 subacqualis Csy. 18-368 ⁶¹
 v.vapida Csy. 13-134 ⁶¹ N.H.-N.Y.
 lachrymosa Newm. 38-386 Me.-N.C.-O.
 washingtonensis Nic. & Weiss 34-203 N.H.
 v.rufitarsis Nic. & Weiss 34-204 ⁶¹ N.C.
 coracina Newm. 38-386 Newf.-Va.-
 moerens Newm. 38-387 ⁶¹ [L.Sup.
 adjuncta Lec. 52-245 ⁶¹
 venator Csy. 20-189 ⁶¹
 lacustris Csy. 24-71 ⁶¹
 v.roanica Csy. 20-188 ⁶¹ Md.-N.C.-Ky.
 strigosula Csy. 24-72 ⁶¹
 v.erebea Csy. 13-134 ⁶¹ Me.-Pa.-Wis.
 ludibunda Csy. 20-189 ⁶¹
 relicta Newm. 38-387 N.Y.-N.C.-L.Sup.
 protensa Lec. 63-12 ⁶¹ (not La.)
 flebilis Lec. 52-245 L.Sup.

Cryobius Chd. 38-11 ⁶²

mandibularis Kby. 37-31 Arctic N.A.
 arcticola Chd. 68-339 ⁶²
 hudsonicus Lec. 63-11 (Pterost.)⁶²

Melanlus Bon. 10-tab. syn. ⁶¹ ⁶²

* (Omasaeus Leng, not Steph.)⁶¹
 ebeninus Dej. 28-307 N.Y.-Fla.-Tex.
 acutangulus Chd. 43-771 ⁶¹

caudicalis Say 23-56 N.J.-Va.-Ore.
 nigrita Kby. 37-32 ⁶¹
 agrestis Bland. 65-381 ⁶¹
 brevibasis Csy. 24-73 ⁶¹

luctuosus Dej. 28-284 Newf.-Va.-Ill.
 abjectus Lec. 52-243 ⁶¹
 hamatus Harr. 28-123 ⁶¹
 confluentus Csy. 24-73 ⁶¹
 testaceus Csy. 24-74 ⁶¹
 v.tenuis Csy. 24-73 ⁶¹

corvinus Dej. 28-281 N.Y.-Ga.-L.Sup.
 subpunctatus Harr. 28-123 ⁶¹
 tenebrosus Chd. 37-30 ⁶¹
 aequalis Csy. 24-72 ⁶¹

Ore. Cal. Cal.

Dysidius Chd. 38-8 ⁶¹

* purpuratus Lec. 52-242 ⁶⁴ N.J.-Va.-Ill.
 !parallelus Mots. 59-147 ⁶¹
 ohionis Csiki 30-638-⁶¹
 trinarius Csy. 18-377 ⁶¹

mutus Say 23-44 N.E.U.S.
 carbonarius Dej. 28-283 ⁶¹
 morosus Dej. 28-283 ⁶¹
 picicornis Kby. 37-33 ⁶¹
 pulvinatus Hausen 91-253 ⁶¹
 stenops Hausen 91-252 ⁶¹
 v.egens Csy. 24-74 ⁶¹ N.J. E.U.S.

Loxandrus

infimus Bates 82-87 ⁶⁵ Gua. Mex. Tex.

Amara

CURTONOTUS Steph. 28-138
 aulica Panz. 97-3 ⁶⁶ Eur. Asia, N.S.
 AMARA (s.str.)

familiaris Duft. 12-119 ⁶⁷ Eur. N.Eng.
 humilis Csy. 18-302 ⁶⁷

aenea DeG. 74-98 ⁶⁷ Eur. N.Eng.
 devincta Csy. 18-307 ⁶⁸

Platynus Bon. 09. ⁶⁹

LEUCAGONUM Csy. 20-99 ⁶⁹
 AGONUM Bon. 09-tab. syn. ⁶⁹ ⁷⁰
 pallipes Fabr. 01-187 ⁷⁰
 limbatus Say 23-49 ⁷⁰ ⁷¹

MELANAGONUM Csy. 20-111 ⁶⁹
 PARAGONUM Csy. 20-123 ⁶⁹

belleri Hatch 33-120 ⁶⁹ Wash.

* * *

(obscurus Hbst. 84-139, not N. Amer.)⁷⁰

OXYPSELAPHUS Chd. 43-415 ⁶⁹

pusillus Lec. 54-39 Wash.-Can.-N.Y.
 americanus || Lec. 48-256 ⁶⁹
 oblongus || Ham. 88-61 ⁶⁹
 obscurus || Ham. 94-354 ⁶⁹

Colpodes

falli Darl. 36-152 Ariz.

Lachnophorus Dej. 31-28 ⁷²

* ARETAONUS Liebke 36-461 ⁷²

elegantulus Mannh. 43-215 Cal.-Tx.-C.R.
 mediosignatus Mén. 44-62 ⁷²

sculptifrons Bates 78-604 ⁷² Tx.-Mx.-Nic.

COLLIURINI ⁷²

⁶⁴ This name was invalidated (according to some interpretations of the Rules) by being at one time transferred to Pterostichus where there is an older use of the name.

⁶⁵ Darlington—38.

⁶⁶ Fall—34.

⁶⁷ Darlington—36.

⁶⁸ Also numerous other synonyms in Csiki—Col. Cat. p. 104.

⁶⁹ Rearrangement of subgenera, Hatch—33.

⁷⁰ Buchanan—39 (cites Agonum as genus).

⁷¹ Fall—33.

⁷² Revision of genus, Liebke—36.

⁷³ Leng Catalog.

⁷⁴ Revision of tribe, Liebke—37.

⁶⁰ Placed in Leptoferonia by Hatch—36, but transferred here by Darlington—36.

⁶¹ Revision of genus, Nicolay & Weiss—34.

⁶² As subgenus of Pterostichus by Csiki—Col. Cat. p. 112.

⁶³ Brown—37.

Colliuris DeG. 74-79 ⁷⁴			
* ODACANTHELLA Lbk. 30-658 ⁷⁴			Tex.Ind.
pennsylvanica Linn. 58-620	U.S.		
lengi Schffr. 10-395	Ariz.		
CALOCOLLIURIS Lbk. 37-55 ⁷⁴			
ludoviciana Sallé 49-297	Fla.-La.-Yuc.		
Calybe Cast. 34-92 ⁷⁴			
* EGA Cast. 34-93 ⁷⁴			
sallei Chevr. 39-308	Fla.-La.-Nic.		
laetula Lec. 49-173	Colo.-Mex.-Gua.		
Leptotrachelus Latr. 29-371 ⁷⁴			
* pallidulus Mots. 64-218	Tex.		
dorsalis Fabr. 01-229	U.S. Mex. Cuba		
depressus Blatch. 23-15	Fla.		
Comstockia Vand. 18-179 ⁷⁴			
* subterranea Vand. 18-182	Tex.		
* * *			
Zuphium Latr. 06-198 ⁷⁵			
* magnum Schffr. 10-396	Tex.		
longicollis Lec. 79-62	Tex. Mex.		
delectum Lbk. 33-469	Mass.		
americanum Dej. 31-298	U.S.		
mexicanum Chd. 62-314	Ariz. Mx.-C.R.		
Pseudaptinus Cast. 35-50 ⁷⁶			
* PSEUDAPTINUS (s.str.) ⁷⁶			
lecontei Dej. 31-301	Fla. Ga. La.		
tenuicornis Chd. 72-6	Tex. Mex.		
tenuicollis Lec. 49-173	Cal. Tex.		
THALPIUS Lec. 51-174 ⁷⁶			
pygmaeus Dej. 26-460	Fla. La. Cuba		
högei Bates 82-77	Tex. Mex.		
horni Chd. 72-3	Cal.		
rufulus Lec. 49-173	Cal.		
* * *			
dorsalis Brullé 34-181 ⁷⁷	D.C. Fla. La.		
cubanus Chd. 62-252 ⁷⁸	Fla. Cuba		

Brachynus

BRACHYNUS (s.str.) ⁷⁹		
affinis Lec. 48-204 ⁷⁹	Ind.	
alternans Dej. 25-316 ⁷⁹	Ind.	
alternans Lec. 48-198 ⁷⁹	U.S.	
americanus Lec. 44-48 ⁷⁹	Ind. Fla.	
ballistarius Lec. 48-199 ⁷⁹	N.Y. Ind. N.M.	
carinulatus Mots. 59-139 ⁷⁹	Cal. Ariz. Mx.	
glabripennis Lec. 58-28 ⁷⁹		
cinctipennis Chev. 34-163 ⁷⁹	Ar. N.M. Mx.	
conformis Dej. 31-427 ⁷⁹	U.S.	
patruelis Lec. 44-50 ⁷⁹		
cordicollis Dej. 26-466 ⁷⁹	U.S.	
velox Lec. 48-206 ⁷⁹		
conformis Lec. ⁷⁹		
cephalotes Dej. 25-317 ⁷⁹		
costipennis Mots. 59-138 ⁷⁹	Ariz. Cal.	
lecontei Mots. 59-39 ⁷⁹		
cyanipennis Say. 23-143 ⁷⁹	Fla. Ind.	

⁷⁵ Revision of genus, Liebke—33.⁷⁶ Revision of genus, Liebke—34.⁷⁷ Leng Catalog.⁷⁸ Darlington—35.⁷⁹ Synonymy revised by Csiki—33.

deyrollei Laf. 41-42 ⁷⁹	Tex. Ind.
strenuus Lec. 44-48 ⁷⁹	
a tormentarius Lec. 48-200 ⁷⁹	S.St. [W.St.
distinguendus Chd. 68-287 ⁷⁹	N.A.
fidelis Lec. 62-524 ⁷⁹	Cal.-N.M.
fumans Fab. 81-307 ⁷⁹	N.Y.-Fla.
librator Dej. 31-425 ⁷⁹	
cyanopterus Lec. 44-49 ⁷⁹	
perplexus Lec. 48-203 ⁷⁹	
sufflans Lec. 48-204 ⁷⁹	
a. similis Lec. 48-199 ⁷⁹	N.Y.
gracilis Blatch. 10-160 ⁷⁹	Ind.
janthinopennis Dej. 31-412 ⁷⁹	U.S.
kansanus Lec. 62-524 ⁷⁹	Kans. Ariz.
lateralis Dej. 31-424 ⁷⁹	U.S. C.A. S.A.
leptocerus Chd. 68-296 ⁷⁹	N.A.
leucoloma Chd. 68-301 ⁷⁹	Cal.
limbiger Chd. 76-81 ⁷⁹	Cal. Mex.-S.A.
medius Harris 28-117 ⁷⁹	N. Eng. Ind.
minutus Harris 28-117 ⁷⁹	N.Y. Ind.
pumilio Lec. 48-208 ⁷⁹	
ovipennis Lec. 62-525 ⁷⁹	U.S.
cephalotes Lec. 48-205 ⁷⁹	N.A.
phaeocerus Chd. 68-300 ⁷⁹	
puberulus Chd. 68-294 ⁷⁹	Fla.
pulchellus Blatch. 10-161 ⁷⁹	Ind. Fla.
quadripennis Dej. 25-316 ⁷⁹	S.St. W.St.
neglectus Lec. 44-49 ⁷⁹	
rejectus Lec. 62-525 ⁷⁹	M.St. W.St.
cordicollis Lec. 48-206 ⁷⁹	
rugipennis Chd. 68-297 ⁷⁹	U.S.
stemonus Chd. 68-291 ⁷⁹	U.S.
stygicornis Say 34-415 ⁷⁹	Kan. Fla.
oxygonus Chd. 43-714 ⁷⁹	
sublaevis Chd. 68-293	U.S.
tenuicollis Lec. 44-49 ⁷⁹	U.S.
texanus Chd. 68-299	U.S.
tschernikhi Mannh. 43-184 ⁷⁹	
puncticollis Lec. 58-28 ⁷⁹	
viridipennis Dej. 31-426 ⁷⁹	U.S.
viridis Lec. 44-49 ⁷⁹	
lecontei Lec. 44-49 ⁷⁹	
a. perplexus Dej. 31-426 ⁷⁹	U.S.

Misodera Esch. 30-63 ⁸⁰

* insignis Mannh. 52-296	Alas. Wash.
arctica Payk. 00-85	Eur. Sib.
s.erythropus Mots. 44-75 ⁸⁰	Sib. Alas.
americanus Mann. 53-134 ⁸⁰	[N.Y.]
hardyi Chd. 61-525 ⁸⁰	

Chlaenius

crestonensis Brown 33-43	B.C.
leucoscelis Chev. 34-71	
s. leucoscelis (s.str.) ⁸¹	Wash.-Colo.
monachus Lec. 51-180 ⁸¹	[Guat.]
chlorophanus Lec. 48-435 ⁸²	
s. cordicollis Kby. 37-22 ⁸¹	
[E. Can.-L. Sup. Va.]	

⁷⁵ Revision of genus, Hatch—33.⁷⁶ Darlington—34.⁷⁷ Csiki—31.

Selenophorus

- discopunctatus* Dej. 29-92 S.A. W.I. Fla.
chokoloskei Leng. 15-596^{ss}
cuprinus Dej. 29-96^{ss}
harpaloides Reiche 43-142^{ss}
acratus Reiche 43-142^{ss}

Stenomorphus Dej. 31-696^{ss}

- * (*Agaosoma* Mén. 44-63)^{ss}
convexior Notm. 22-103 Ariz. Mex.
californicus Mén. 44-63 Kan.-Mex.-
rufipes Lec. 59-59^{ss} [Cal.-L.Cal.
batesi Csy. 14-168^{ss}
scolopax Csy. 14-169^{ss}
arcuatus Csy. 24-122^{ss}
parallelus Csy. 24-122^{ss}

* * *

Agonoderus

- lecontei* Chd. 68-14
pallipes of authors (not Fab.)^{ss} 47

Pseudomorpha Kby. 25-98^{ss}

- * (*Heteromorpha* Kby. 25-109)^{ss}
(*Axinophorus* Dej. & Bois. 29-60)^{ss}
(*Drepanus* Dej. 31-434)^{ss}
alutacea Notm. 25-17 N.M.
angustata Horn 83-274 Ariz. N.M.
behrensi Horn 70-76 Cal. Mex.
castanea Csy. 09-278 Ut. Cal.
champlaini Notm. 25-20 Ariz. Cal.
consanguinea Notm. 25-18 Cal. Ariz.
cronekitei Horn 67-151 Cal.
cylindrica Csy. 89-40 Tex.
excrucians Kby. 25-101 Ga. La. Ala.
lecontei Dej. & Bois. 29-176^{ss}
falli Notm. 25-15 Cal.
hubbardi Notm. 25-15 Ariz.
ruficollis Csy. 24-148 La.
schwarzi Notm. 25-21 Ariz.
tenebroides Notm. 25-16 Ariz.
vandykei Notm. 25-18 Ariz.
vicina Notm. 25-17 Cal.
vindicata Notm. 25-19 Utah

HALIPLIDÆ**Haliplus** Latr. 02-77¹

- * HALIPLUS (s.str.)¹
strigatus Robts. 13-110 Man.-B.C.-Wyo.
robertsi Zimm. 24-73 Colo.-B.C.-Cal.
pallidus Robts. 13-109¹
dorsomaculatus Zimm. 24-75 Cal. Colo.
distinctus Wallis 32-17 B.C.
hoppingi Wallis 32-19 B.C.
longulus Lec. 50-211 N.A.

¹ Darlington—35.² Csiki—32.³ Revision of genus, Darlington—36.⁴ Buchanan—39.⁵ Fall—33.⁶ Csiki—33.⁷ Revision of genus, Wallis—32.

- immaculicollis* Harr. 28-164 N.A.
americanus Aube 38-26¹
impressus Kby. 37-65¹
ruficollis [Cr. 73-385¹]
blanchardi Robts. 13-108 Ct.-Minn.-La.
PARALIAPHLUS Guignot 28-138¹
borealis Lec. 50-212 L.Sup. Minn. Man.
lewisii Cr. 73-384 Tex.
ohioensis Wallis 32-27 O. Ill.
minor Zimm. 24-192 Tex.
annulatus Robts. 13-107 Fla. S.C.
confluens Robts. 13-106 Fla. S.C.
triopsis Say 25-106 N. Eng. Fla. N.M. Ont.
pantherinus Aube 38-29 E.N.A. Minn. La.
deceptus Math. 12-166 Tex. N.M.
suturalis Robts. 13-96¹
punctatus Aube 38-32 Fla.-Tex.
mutchleri Wallis 32-38 Fla.
leopardus Robts. 13-98 Mass.-S.C.
pseudofasciatus Wallis 32-41 S.C. Kan.
* LIAPHLUS Guignot 28-138¹
fasciatus Aube 38-30 N. Eng.-S.C.-Kan.
connexus Math. 12-164 N.S.-Mass.-Minn.
mimeticus Math. 12-168 Pac. Cst. Mex.
rugosus Robts. 13-102 Cal.
apostolicus Wallis 32-46 Minn.
cribrarius Lec. 50-202 Lab.-Vt.-Minn.
canadensis Wallis 32-51 Mass.-B.C.
nitens Lec. 50-212 Mich.-Wis.-Tex.
subguttatus Robts. 13-101 N.S.-N. Eng.-
[B.C.
salinarius Wallis 32-56 E.C.
vancouverensis Math. 12-163 B.C.
salmo Wallis 32-61 Alb.
leechi Wallis 32-63 B.C.
columbiensis Wallis 32-66 B.C.
ungularis Wallis 32-68 B.C.
gracilis Robts. 13-102 Ore. Cal.
cylindricus Robts. 13-102 Cal.
tumidus Lec. 80-166 Tex. Cal.
concolo Lec. 52-201 Cal.

DYTISCIDÆ**Hygrotus** Steph. 28-46²

- COELAMBUS Thoms. 60-13²
curvipes Leech 38-84 Cal.

Hydroporus Clairv. 06-182³

- HYDROPORUS (s.str.)³
HETEROSTERNUS Zimm.³
DERONECTES Shp.³
brodei Gellerm. 28-63³
STICTOTARSUS Zimm.³
POTAMONECTES Zimm.³
(*Potamodytes* Zimm.)³
(*Deronectes* of Fall)³

- mathiasi Hatch 33-22 Wash.

² Balfour-Browne—34.³ Rearrangement of subgenera, Hatch—33.⁴ Treated as valid by Balfour-Browne—34.⁵ Hatch 33.

*	OREODYTES Seidl. ⁶	
scitulus	Lec. 55-295	B.C.-N.Y.-Newf.
bisulcatus	Fall 23-115	Cal.
crassulus	Fall 23-119	Mont. Ut. Wash.
obesus	Lec. 66-365	Cal.-B.C.
angustior	Hatch 28-221	Wash.
congruus	Lec. 78-452	N.M.-Mont.-B.C.
abbreviatus	Fall 23-117	Cal. Wash.
picturatus	Horn 83-283	Nev. Cal.
subrotundus	Fall 23-118	Cal. Wash.
snoqualmie	Hatch 33-26	Wash.
hortense	Hatch 33-27	B.C. Wash.
levis	Kby. 37-67	L.Sup. H.B.T.
	<i>duodecimlineatus</i> Lec. 50-214 ⁶	
semiclarus	Fall 23-113	Cal. Y.T. Colo.
	<i>yukonensis</i> Fall 26-138 ⁶	
	<i>recticollis</i> of Hatch ⁶	
recticollis	Fall 26-140	Alaska
alaskanus	Fall 26-139	Alaska
rainieri	Hatch 28-220	Wash.
	<i>kincaidi</i> Hatch 28-221 ⁶	

GRAPTODYTES Seidl.³
STICTONOTUS Zimm.³
NEBRIOPORUS Reg.³

* * *

barbarensis	Wallis 33-262	Cal.
planiusculus	Fall 23-58	Que. B.C.
	<i>brumalis</i> Brown 30-235 ⁷	
	<i>compertus</i> Brown 32-4 ⁷	
	<i>falsificus</i> Brown 33-44 ⁷	
lapponum	Gyll. 08-532 ⁸	
	[Alas.-Man. Eur. Sjh.	
melanocephalus	Marsh 02-423 ⁹ Eur. Sib.	
	[Alas.-L.Sup.-Greenl.	
	<i>morio</i> Gemm. & Har. 68-437 ⁹	
browni	Wallis 33-261	Wash.
edwardsi	Wallis 33-261	Wash.

Laccernis Des Gezijf
(See *Tachelaen* Ent.
LXXII, 1940, p. 122)

Agaporus Zimm. 19-147¹⁰
latens Fall 37-10 N.H. Mass. N.Y.

Agabus	GAURODYTES Thoms. 60-57 ¹⁰	
falli	Guignot 35-38	
	sharpi Fall 22-19 ¹⁰ 31	
	ERIGLENUS Thoms. 60-55 ¹²	
hudsonicus	Leech 38-123	Man.
	<i>* * *</i>	

colymbus	Leech 38-125	Man.
browni	Leech 38-126	Man.
pseudoconferatus	Wallis 26-90 ¹³	
	<i>gelidus</i> Fall 26-142 ¹⁴ 43	
kenaiensis	Fall 26-141	Alas. Man.
	<i>palustris</i> Wallis 26-92 ⁷	
vancouverensis	Leech 37-146	B.C. Wash.
irregularis	Mannh. 53-159 ¹⁴	Alaska
hypomelas	Mannh. 43-221 ¹⁴	Alas.-Wash.
audeni	Wallis 33-270	B.C.
minnesotensis	Wallis 33-268	Minn.

⁶ Revision of subgenus, Hatch—33.
⁷ Fall—34.
⁸ Possibly subsp. *labradorensis* Fall, Brown—37.
⁹ Brown—37, ascribes these names to Gyll. & Aube respectively.
¹⁰ Guignot—35.
¹¹ Fall in litt.
¹² Leech—38.
¹³ Synonymy reversed by Fall—34.
¹⁴ Leech—37.

Hybius

denikei Wallis 33-271 Ont.

Copelatus Er. 32-38

(LIOPTERUS Steph. 35-393)¹⁵Rantus Bois. & Lac. 35-309¹⁶ 17 18(RHANTUS of authors)¹⁶ 17 18maculicollis Aube 38-245¹⁹ 19 N.A.

hoppingi Wallis 33-272 B.C. Cal. Wash.

binotatus Harr. 28-164²⁰ N.A. C.A.gutticollis Say 34-442²⁰ Ariz.suturellus Harris 28-164²⁰ Eur. Sib. N.A.*subopacus* Menetr. 06-175²⁰

zimmermanni Wallis 33-274 Man. Que. [B.C.]

bistriatus of authors (not Bergst.)²⁰Hoperius Fall 27-177²¹ 21* planatus Fall 27-178²¹ 21

Ark.

Dyticus Linn. 58-411²²(DYTISCUS of authors)²²habilis Say 34-441²³ Mex. Tex.

Hydaticus

modestus Shp. 82-650 N.A.

americanus Shp. 82-654¹⁷*stagnalis* of authors (not Fab.)¹⁷(lacvipennis Thoms., not N. Amer.)¹⁷cinctipennis Aubé 38-191¹⁷Graphoderus Dej. 33-54²⁴ 25 26* (GRAPHODERES Thoms. 60-38)²⁴liberus Say 25-160²⁵ Mich.-Mass.-Fla.*rugicollis* Kby. 37-73²⁵*brunnipennis* Aube 38-203²⁵*thoracicus* Harris 28-156²⁵fasciaticollis Harris 28-156²⁵ B.C.-Mass.*cinerereus* Horn (not Linn.)²⁵perplexus Shp. 82-695²⁵ N.A.*elatus* Shp. 82-695²⁵*cinerereus* of authors (not Linn.)²⁵*zonatus* Zimm. (not Hoppe)²⁵manitobensis Wallis 33-276²⁵ Man.occidentalis Horn 83-281²⁵ Cal.*austriacus* Zimm. (not Sturm.)²⁵

¹⁶ Mequignon—37, may be subgenus; proper date is 1835 in spite of statement to contrary by Strand.

¹⁷ Balfour-Browne—35.

¹⁸ Wallis in litt.

¹⁹ Compiler is of opinion that the Rules amply justify the change of spelling to Rhantus; see remarks elsewhere.

²⁰ Hatch—28.

²¹ Wallis—33.

²² Leech in litt.

²³ Balfour-Browne—35, gives this as proper synonymy but does not accept it because the change was made four years late by another writer!

²⁴ Darlington—38.

²⁵ These names are reversed by Balfour-Browne—35, but Grapboderus was amply validated by Dejean in 1833.

²⁶ Revision of genus, Wallis in litt.

²⁷ Credited by Guignot—31 and Wallis in litt. to Aube 38-156.

GYRINIDÆ

Gyrinus

hoppingi Leech 38-59

B.C.

Nicrophorus Fabr. 75-71^{2,4}* (*Dermestes* || Geogr. 62-93)²(*Nicrophorus* Fabr. 01-333)^{2,5}(*Cyrtoscelis* Hope 40-149)²*Acanthopsilus* Port. 14-223)²

EUNECROPHORUS Sem.

[32-152]

LIMNEBIIDÆ²⁷Ochthebius²⁸insulanus Brown Correct loc. Vanc. Id.²⁷
mimicus Brown 33-45 B.C.

HYDROPHILIDÆ

Helophorus

arcticus Brown 37-109 Baffin Id.
HELOPHORUS (s.str.)
lecontei Knisch 24-88²⁹ Cal.
obscurus || Lec. 52-210²⁹
ventralis Mots. 60-105²⁹ N.Y.
obsoletusculatus Mots. 60-106²⁹
obscurus || Wickh. 95-183²⁹
granularis Linn. 61-214²⁹ Eur. N.A.
?pusillus Mots. 60-106²⁹

Berosus

ENOPLURUS Hope 38-128²⁹
undatus Fabr. 92-185²⁹ Tex. Mex. W.I.
emarginatus Horn 73-120²⁹ [S.A.
flavipes Shp. 87-766²⁹
guadelupensis Fleut. & Salle 89-376²⁹

Hydrophilus

occultus d'Orch. 33-310 N.Y. Tenn.

Enochrus

LUMETUS Zaitz. 08-385²⁹
pygmæus Fabr. 92-186²⁹
nebulosus Say 24-277²⁹ W.I.
P. 19. First supplement, under 19289,
for 2484 read 2884.²⁷

SILPHIDÆ

NECROPHORINI

Necrocharis Port. 23-68^{1,2,3}* carolinensis Linn. 71-530⁴ Pa.-Fla.-
mediatus Fabr. 01-334² [Ariz.-Neb.
a.scapulatus Port. 23-142² N.C. Fla.
a.dolosus Port. 23-142²
a.mysticallis Angell 12-307² Ariz.²⁷ Leech in litt.²⁸ Left in Hydrophilide by Brown—33.²⁹ d'Orchymont—34.¹ Semenov-Tian-Shanskij—32.² Hatch—Col. Cat. p. 95.³ Placed as subgenus of *Nicrophorus* by Hatch.
Col. Cat. p. 95.⁴ Hatch & Rueter—34Nicrophorus Fabr. 75-71^{2,4}* (*Dermestes* || Geogr. 62-93)²(*Nicrophorus* Fabr. 01-333)^{2,5}(*Cyrtoscelis* Hope 40-149)²*Acanthopsilus* Port. 14-223)²

EUNECROPHORUS Sem.

[32-152]

americanus Oliv. 90-10¹ N.S.-Minn.-
virginicus Fröhl. 92-123² [Tex.-Fla.
grandis Fab. 92-247²germanicus Linn. 58-359² Europe
a.bipunctatus Kr. 80-117² Eur. ?Cal.NECROPTER Sem. 32-154⁴orbicollis Say 25-77¹ Me.-Fla.-Kan.-Alb.
halli Kby. 37-98²quadrifasciatus Cast. 40-1²
sayi Cast. 35-2¹ N.E.-Va.-Alb.lunulatus Gistl 48-49²lunatus || Lec. 53-277²luniger Har. 68-104²humator Oliv. 90-8² Eur. Asia
grandior Angell 12-307² Cal.defodiens Mannh. 46-513^{1,4} Newf.-N.J.-
hebes Kby. 37-96² [Cal.-Alas.pygmaeus Kby. 37-98²
vespilloides of Lec. 66-367²a.humeralis Hatch 27-7²
a.binotatus Port. 26-236² Cal.plagiatus || Mots. 69-252²
a.lateralis Port. 03-330² Cal.-Wash.a.conversator Walk. 66-320² Cal. Ore.
pollinctor of Lec. 54-19²a.kadjakensis Port. 26-236² Alaska
a.mannerheimi Port. 24-293² Cal.investigator Zett. 24-154^{1,4} Eur. Asia,
ruspator Er. 37-225² [Alas.-Cal.-?Va.melsheimeri Kby. 37-97²
infodiens Mannh. 53-170²confessor Mots. 60-126²
microcephalus Thoms. 62-9²pustulatus of Horn 80-233 (part)²
vestigator of Gyll. 27-308²a.intermedius Reitt. 95-327² Eur. B.C.
[Man.-Ore.-Ut.a.lutescens Port. 24-150² N.M. Ariz.
v.nigritus Mannh. 43-251² Cal. Ore.v.variolosus Port. 24-149²
s.maritimus Guer. 44-60² Japan, B.C.aleuticus Gistel 48-190²
pollinctor Mannh. 53-169²sibiricus Mots. 60-126²
a.particeps Fisch. 44-139²[Alas. B.C. Asia
mexicanus Matth. 88-91¹ Mex. Cal.hybridus Hatch & Ang. 25-216^{1,4} Wash.
[Man.v.minnesotianus Hatch 27-5² Minn.
guttulus Mots. 45-53^{1,4} Alas. Cal.-Colo.a.quadriguttatus Angell 20-90² Cal.a.vandykei Angell 20-90² Cal.a.ruficornis Mots. 69-352² Cal.a.hecate Bland || 65-382^{1,2} Alas.-N.M.a.disjunctus Port. 24-85²a.rubripennis Port. 24-85² Cal.-Kan.obscurus Kby. 37-97^{1,4} H.B.T.-Ut.-Ore.
melsheimeri of Lee. 53-275²²⁷ This spelling accepted by Semenov-Tian Shanskij—32.

marginatus Fabr. 01-334¹ Me.-Miss.-
 requiescator Gistel 48-190² [Ore.-C.A.
 a.cordiger Port. 24-84² N.Y. Ark.
tomentosus Web. 01-47¹ Me.-Ga.-Cal.-
 velutinus Fab. 01-334² [Man.
 a.angustefasciatus Port. 25-170²
 a.aurigaster Port. 25-170²
STICTONECROPTER Sem. 32-154
pustulatus Hersch. 07-271¹ Alas.-Newf.-
 bicolor Newm. 38-385² [Fla.-Cal.
 tarsus Mannh. 53-385²
 a.fasciatus Port. 24-86² Ky.-Que.-Fla.
 a.unicolor Port. 24-86² La.
vespillo Linn. 58-359 Eur. Asia, Neb. Pa.
pulsator Gistel 48-190² "N.A."
vespilloides Hbst. 84-32⁶ Eur. Japan
 s.defodiens Mannh. 46-513⁶ Pac. Cst.
 mortuarum Fab. 92-248⁶ [Japan
a.hebes Kby. 37-96⁶ Alas. Y.T.
 pygmaeus Kby. 37-98⁶
 humeralis Hatch 27-7⁶
a.conversator Walk. 66-320⁶ B.C.
 lateralis Port. 03-330⁶
 gaigei Hatch 27-356⁶

SILPHINI

Silpha

THANATOPHILUS Leach 15-89⁴
trituberculata Kby. 37-101⁴
lapponica Hbst. 93-269⁴
 HETEROSILPHA Port. 26-83⁴
ramosa Say 23-193⁴
 XYLODREPA Thoms. 59-56
quadripunctata Linn. 58-359^a Eur. Mass.
 OXELYTRUM Gistel 48-150
discicollis Brullé 40-75^b Cal. N.M. Ariz.
 analis Chev. 43-26^{a b} [C.A. S.A.
 equinoctialis Gistel 48-190^b
 brasiliensis Dej. 33-118^b
 cayennensis || Berg 01-328^b

AGYRTINI

Agyrtes Fröl. 99-18⁷
* longulus Lec. 59-282⁸ Cal.-Alas.
 similis Fall 37-29 Cal.

Pelatines Ckl. 06-240⁷

* (Pelates || Horn 80-244)⁷
 latus Mannh. 52-331⁸ Alas.-Wash.-Alb.

Necrophilus Latr. 29-500⁷

* pettiti Horn 80-243⁸ Can.-Ky.-Ind.
 subterraneus of Horn 68-125⁸

hydrophiloides Mannh. 43-253⁸ Alas.-
 ater Mots. 45-263⁸ [Cal.

^a Angell in Htt.^b Junk Col. Cat. pars 95.^c Leech—37.^d Rearrangement of genera, Hatch & Rueter—34.^e Leng Catalog and supplements.LYROSOMINI^{4 9}

Pteroloma Gyll. 27-418¹⁰
* (Adolus Fisch. 28-242)²
 Holocnemis Schill. 29-93²
nebrioides Brown 33-213 Alas. Alb.
 forsströmii of authors (not Gyll.)¹¹

Apteroloma Hatch 27-12^{4 12 10}

* (Pteroloma of authors)⁴
 caraboides Fall 07-235³ Wash.-Cal.
 tenuicornis Lec. 59-84³ Wash.-Cal.
 tahoeca Fall 27-136³ Cal.

CATOPOCERINI⁴

(Pinodytini)

Catopocerus Mots. 69-351⁴

(Pinodytes Horn 80-248)¹

(Homaeosoma Aust. 80-16)²

ulkei Brown 33-215
 cryptophagoides of Horn 80-249¹¹

LEPTODIRIDÆ¹

(Catopidae, Silphidae)

Leptodirinæ¹Platycholeus Horn 80-251¹

* leptinoides Cr. 74-77¹ Cal. Ore. Nev.
 opacellus Fall 09-133¹ Cal.

Catopinæ¹

CATOPINI

Nemadus Thoms. 67-351^{1 2}

* pusio Lec. 59-282^{1 2} Cal.-B.C.
 horni Hatch 33-194² Mass.-Ala.-Ia.
 pusio of Horn 80-262¹
 parasitus Lec. 53-282^{1 2} Que.-Va.-Tex.
 integer Fall 37-338 Mass.
 gracilicornis Fall 37-339 Mass. N.J. Man.
 obliquus Fall 37-339 Mass.-Pa.

Dissochætus Reitt. 84-39¹

* brachyderus Lec. 63-25¹ N.S.-N.Y.-Minn.
 arizonensis Hatch 33-197 Ariz.
 oblitus Lec. 53-282¹ Md.-Fla.-Ill.
 decipiens Horn 80-257¹ Wash.

Echinocoleus Horn 85-136¹

* setiger Horn 85-136¹

^a Van Dyke—28.^b Definitely not Staphylinidæ, Brown—33. Szekessy—36, Van Dyke—28, the compiler, etc.^c Brown—33.^d Considered a synonym of Pteroloma, Brown—33.^e Hatch—33.^f Revision of genus, Fall—37.

LEIODIDÆ

Ptomaphagus Ill. 98-88¹
 * *californicus* Lec. 53-281¹ Cal.
nevadicus Horn 80-263¹ Nev. Colo. Kan.
schwarzii Hatch 33-203¹ Fla.
texanus Melander 02-329¹ Tex. Colo.
fusus Horn 85-137¹ Ariz. Cal.
consobrinus of Horn 80-262 (part)¹
cavernicola Schw. 98-58¹ Mo.
latior Hatch 33-204 Cal.
ulkei Horn 85-137¹ Md. Va. N.C.
piperi Hatch 33-205 Wash. Cal.
consobrinus Lec. 53-281¹ Mass.-Fla.
strigosus Lec. 53-281¹ [Okla.-Mich.
lecontei Murray 56-459¹

Adelops Tellk. 44-318¹
 * *mitchellensis* Hatch 33-208 N.C.
löddingi Hatch 33-209 Ala.
valentinei Jeann. 33-252³ Ala.
hatchi Jeann. 33-252³ Tenn.
hirtus Tellk. 44-318¹ Ky.

Catops Payk. 98-342¹
 * *SCIODREPA* Thoms. 62-66¹
gratiosus Blanch. 15-294¹ Me.-Va.-Wash.
alsiosa of Blatch. 10-294¹
alsiosus Horn 85-136¹ Alas.-N.S.-N.Y.
simplex Say 25-184¹ Alas.-Lab.-Cal.-Ga.
luridipennis Mannh. 53-176¹
americanus Hatch 28-201¹ N.B.-N.C.-[N.M.-Minn.
clavicornis || Lec. 53-281¹
basilaris Say 23-191¹ Me.-N.C.-Cal.-Alb.
spenciana Kby. 37-108¹
cadaverinus Mannh. 43-82¹
brunneipennis Mannh. 53-176¹
egenus Horn 80-256¹ Alas.-Cal.
hornianus Blanch. 15-294¹ Que.-N.C.B.C.
SCIODREPOIDES Hatch 33-224¹
(Sciodrepa of Ganglb.)¹
terminans Lec. 50-218¹ B.C.-N.B.-Ill.
fumata of Hatch 27-15¹

Prionochaeta Horn 80-260¹
 * *opaca* Say 25-184¹ Que.-N.C.-Ark.-[Minn.]

Catoptrichus Murray 56-461¹
 * *frankenhäuseri* Mannh. 52-332¹ [Alas.-Wash.]

Coloninæ

Colon Hbst. 97-224¹
 * *COLON* (s.str.)¹
paradoxum Horn 80-270¹ Pa. D.C.
CURVIMANON Fleisch. 09-246¹
bidentatum Sahlb. 17-95¹ Eur. B.C. Alb.
[N.J.]
MYLOECHUS Latr. 07-30¹
hubbardi Horn 80-270¹ Mich. Tenn. O.
productum Hatch 33-229 Mich.
excisum Hatch 33-229 N.C.
kineaidi Hatch 33-229 Wash.

dentatum Lec. 53-282¹ N. J. Que. O.
putatum Horn 80-272¹ N.Y.
putatum Hatch 28-225¹
rufum Hatch 33-230 W.Va.
discretum Hatch 33-230 B.C.
rectum Hatch 33-231 W.Va.
pribilof Hatch 33-231 Alaska
schwarzii Hatch 33-232 N.C. Mich.
magnicolle Mannh. 53-177¹
N.Y. O. Wis. Colo.
pusillum Horn 80-273¹ Y.T. Que.-D.C.
thoracicum Horn 80-274¹ Va.
asperatum Horn 80-274¹ Cal.-Me.

putatum Hatch 28-225¹
rufum Hatch 33-230 W.Va.
discretum Hatch 33-230 B.C.
rectum Hatch 33-231 W.Va.
pribilof Hatch 33-231 Alaska
schwarzii Hatch 33-232 N.C. Mich.
magnicolle Mannh. 53-177¹
N.Y. O. Wis. Colo.
pusillum Horn 80-273¹ Y.T. Que.-D.C.
thoracicum Horn 80-274¹ Va.
asperatum Horn 80-274¹ Cal.-Me.

LEIODIDÆ⁴

(*Liodesidae*, *Agathidiidae*, *Anisotomidae*,
Silphidae)

LEIODINI⁴

Hydnobius Schm. 41-193⁴
 * *matthewsii* Cr. 74-74⁴ Cal.-B.C. Mo.
pallidum || Say 34-91⁴ [N.Y.
strigilatus Horn 80-280⁴ B.C. Nev.
arizonensis Horn 85-138⁴ Ariz.
obtusus Lec. 79-511⁴ Colo. B.C.
luggeri Hatch 27-18⁴ Alaska
longulus Lec. 79-511⁴ B.C.-Cal. Colo.
longidens Lec. 79-511⁴
substriatus Lec. 63-25⁴ N.S.-N.Y.
curvidens Lec. 79-511⁴ [Wash.
laticeps Notm. 20-27⁴ N.Y.
pumilus Lec. 79-511⁴ Que. Colo. Cal.
latidens Lec. 79-512⁴
kiseri Hatch 36-35 Wash.
lobatus Hatch 36-35 Wash.
femoratus Hatch 36-36 Wash. B.C.

* * *

validus Brown 32-202 (Leiodes)⁶ Que.

Typhloleiodes Hatch 35-116

* *subterraneus* Hatch 35-116 Ore.

Triarthron Mürk. 40-141⁴

* *lecontei* Horn 68-131⁴ Ore. Cal.
cedonulli Schauf. 82-43⁴
pennsylvanicum Horn 83-284⁴ Pa.

Leiodes Latr. 02-163⁴

* (Anisotoma Schmidt 41-143, not
 [Panz.])⁴
(Liodes Reitt. 84-93)⁴
LEIODES (s.str.)⁴
alternata Melsh. 46-103⁴ Ga.
americana Knob MS⁴
canadensis Brown 28-141⁴ Sask. Man.
oklahomensis Brown 28-142⁴ B.C.
horni Hatch 29-36⁴ Cal. Ore.
humeralis || Horn 80-285⁴
valida Horn 80-285⁴ N.H.-Colo.-B.C.
serripes Hatch 36-37 Wash.
merkeliana Horn 95-234⁴ Wash.

¹ Hatch—33.

² Placed in genus *Ptomaphagus*, Jeannel—33.

³ Hatch—36.

⁴ Hatch in litt.

LEIODIDÆ

assimilis Lec. 50-221 ⁴ N.H.-Colo.-B.C.
 punctatostriata Kby. 37-110 ⁴ Alas.-B.C.
indistincta Lec. 50-221 ⁴ [N.H.
laeta Mannh. 53-201 ⁴
 difficilis Horn 80-285 ⁴ Cal.
 collaris Lec. 50-221 ⁴ N.H.-Cal.-B.C.
 similis Fall 10-5 ⁴ Cal.
 curvata Mannh. 53-202 ⁴ Alas.-Cal.
morula Lec. 59-282 ⁴
 opacipennis Fall 10-5 ⁴ Tex.
 antennata Fall 10-6 ⁴ Cal.
 lateritia Mannh. 52-345 ⁴ Alaska
PSEUDOHYDNOBIUS Ganglb.
 [99-208 ⁵
(Parahydnobius Fleisch.
 [08-18 ⁵
 conferta Lec. 66-367 ^{4 5} Ill. Pa.
 paludicola Cr. 74-74 ^{4 5} Cal.
 strigata Lec. 50-221 ^{4 5} Mich. Colo. B.C.
OREOSPHAERULA Ganglb.
 [96-181 ⁴
 obsoleta Mels. 46-107 ⁴ Atl.St.-Cal.
 sculpturata Fall 10-6 ⁴ Ariz.
 puritana Fall 25-310 ⁴ Mass.
 fusciclava Fall 25-311 ⁴ Cal.
Anogdus Lec. 66-369 ^{4 7 8}
* luggeri Hatch 27-17 ⁴
dissimilis Blatch. 16-93 ^{4 7}
capitatus Lec. 66-319 ^{4 7}
Cainosternum Notm. 21-148 ⁴
* imbricatum Notm. 21-148 ⁴ N.Y.
Colenis Er. 41-221 ⁴
* (*Collesia* Fvl. 02-287) ⁴
(*Pseudoliodes* Port. 26-77) ⁴
impunctata Lec. 53-284 ⁴ Fla.-La.-Mich.

AGATHIDIINI ⁴
Anisotoma Panz. 97-8 ^{4 9}
* (*Pentatoma* || Schneid. 92-2) ⁴
(*Leiodes* || Schmidt 41-132) ⁴
(*Loides* Er. 45-87) ⁴
blanchardi Horn 80-298 ^{4 7} Que.-Mass.-O.
geminata Horn 80-299 ^{4 7} Que.-N.C.-Ill.
confusa Horn 80-299 ^{4 7} Nev.
instertrialis Hatch 36-38 ^{10 7 11} Wash.
globososa Hatch 29-56 ^{4 7} Que.-Ky.-Nev.-
globosa || Lec. 50-222 ^{4 7} [B.C.
inops Brown 37-198 N.B.-Ont.-N.H.
nevadensis Brown 37-199 Nev.
bicolor || Horn 80-297 ^{7 12}
expolita Brown 37-199 Ont.-Ga.-Mich.
polita || Lec. 53-285 ⁷
basalis Lec. 53-285 ^{4 7} Mich. Ill. Ind.
dichroa Lec. 53-285 ^{7 12}
amica Brown 37-201 Que. Ont. B.C.
obsoleta Horn 80-298 ^{4 7} N.B.-Va.
errans Brown 37-202 Que. Ont. B.C.
discolor Mels. 46-103 ^{4 7} Can.-Va.-Mich.
piceum Mels. 44-103 ⁷

Stetholiodes Fall 10-4 ⁴
* *laticollis* Fall 10-4 ⁴ Ind.
Neocyrtusa Brown 37-161
* *obsoleta* Mels. 46-107 ⁷ D.C. N.C.
blandissima Zimm. 69-250 ^{4 13} Ont.
secreta Brown 37-163
superans Fall 10-7 ^{7 13} Ont.-Alb.
puritana Fall 25-310 ⁷ Ont. Mass.
potens Brown 32-205 ⁷ Que. Ont.
insolita Brown 37-170 B.C. Sask.
?fusciflava Fall 25-311 ⁷ Cal.
?sculpturata Fall 10-6 ⁷ Ariz.

Lionothus Brown 37-170
* *ulkei* Brown 37-171 D.C.
blandissima of Horn 80-294 ⁷

Cyrtusa Er. 42-221 ⁷
* *luggeri* Hatch 27-17 ⁷ Que.-Mich.-B.C.

Cænoeypta Brown 37-172
* *incipennis* Lec. 63-25 ^{7 13} Que.-D.C.-B.C.

Apheloplastus Brown 37-173
* *egenus* Lec. 53-284 ^{7 13} Que.-Ga.-Mich.
impubis Zimm. 69-251 ⁷

Isoplastus Horn 80-277 ^{4 7}
* *fossor* Horn 80-295 ^{4 7} Que.-D.C. Mich.

Agathidium Panz. 97-13 ¹⁴
* AGATHIDIUM (s.str.) ¹⁴
oniscoides Beauv. 05-160 ^{11 15} Can.-Ga.
piceum Mels. 44-103 ⁴ [Miss. Mex.
globatile Lec. 78-598 ⁴
rubellum Fall 34-105 ¹⁴ N.C.
compressidens Fall 34-106 ¹⁴ N.C. N.H.
exiguum Mels. 44-103 ^{14 15} Can.-Fla.-
ruficorne Lec. 50-222 ⁴ [Colo. Guat.
minutum Mels. MS ⁴
dentigerum Horn 80-301 ^{14 15} Va. N.C.
alutaceum Fall 34-107 ¹⁴ Alaska
californicum Horn 80-301 ^{14 15} Cal.-
[B.C. Guat.
depressum Fall 34-108 ¹⁴ Alas.-Cal.-
[III.-Que.
jasperanum Fall 34-109 ¹⁴ Alb. Y.T.
dubitans Fall 34-110 ¹⁴ N.M.
revolvens Lec. 50-222 ^{14 15} Alas.-Cal.-
[Mich.
cavisternum Fall 34-111 ¹⁴ B.C.
virile Fall 01-219 ^{14 15} S.Cal.
conunctum Brown 33-46 ^{14 15} Nev.-B.C.
omissum Fall 34-113 ¹⁴ Mont.
NEOCEBLE Gozis 86-16 ¹⁴
sexstriatum Horn 80-302 ^{14 15} Cal. Nev.
bistriatum Horn 80-303 ^{14 15} Cal. Nev.
estriatum Horn 80-303 ^{14 15} Colo.
parvulum Lec. 78-598 ^{14 15} L.Sup.
parile Fall 34-117 ¹⁴ Cal.

⁷ Brown—37.
⁸ Placed near Cyrtusa by Brown—37.
⁹ Credited to Illiger, Hatch—36.
¹⁰ Hatch—38.
¹¹ As synonym of confusa, Brown—37.
¹² As variety by Hatch—29.

¹³ Placed in Cyrtusa (*Zeadolopus* Broun ==) by Hatch—29.
¹⁴ Hatch—36.
¹⁵ Fall—34.

rusticum Fall. 34-117 ¹⁴ N.H. Mass. *Olophrum* Er. 37-622 ²
laetum Fall 34-118 ¹⁴ Cal. * (*Lathrium* Lec. 50-21) ³
contiguum Fall 34-119 ¹⁴ Wash. *obtectum* Er. 40-865 ³ Me.-Pa.
athabascanum Fall 34-119 ¹⁴ Alb. *emarginatum* Er. 40-868 ³
alticola Fall 34-120 ¹⁴ N.H. *rotundicolle* || Say 34-464 ³,
columbianum Fall 34-121 ¹⁴ B.C. *latum* Mäkl. 53-194 ^{3,4} Alaska
rotundulum Mannh. 52-370 ^{14,15} Alas.-Cal. *boreale* Payk. 92-146 ^{5,6} Eur. Bear Id.
brevisternum Fall 34-122 ¹⁴ Cal. *[Que.]* N.W.T.
atronitens Fall 34-122 ¹⁴ Ill. D.C. Mo. *marginatum* Kby. 37-89 ^{2,4}
repentinum Horn 80-303 ¹⁴ N.H. Mont. *parvulum* Mäkl. 53-195 ³ Alaska
politum Lec. 66-370 ^{14,15} Can.-R.I.-Mo. *marginatum* Mäkl. 53-196 ³ Alaska
maculosum Brown 28-145 ^{14,15} B.C. Wash. *consimile* Gyll. 10-199 ³ Eur. Sib.
maulosum Brown 28-230 ⁴ *v. minor* J. Sahlb. 76-424 ³ [Alas.-N.Y.
v. franciscanum Fall 34-126 ¹⁴ Cal. rotundicolle C.R. Sahlb. 27-281 ³ Eur.
kincaidi Hatch 36-39 Wash. *convexicollis* Lec. 50-21 ³ [Sib.-Newf.-Mich.-N.W.T.
pulchrum Lec. 53-286 ^{14,15} N.H. Ky. *convexum* Mäkl. 53-195 ³ Alaska
[Wash. Cal.
mandibulatum Mannh. 53-203 ⁴
varipunctatum Hatch 36-40 Wash.
picipes Fall 34-130 ¹⁴ Cal.
diforme Lec. 50-222 ^{14,15} N.H. Mich.
canadensis Brown 30-89 ^{14,15}

CYPHOCEBLE Thoms. 59-59 ¹⁴
angulare Mannh. 52-369 ^{14,15} Alas.-Cal. [Ariz. Colo.
concinnum Mannh. 52-370 ^{14,15} Alas.- [Cal.-Ariz.-Colo.
effluens Mannh. 53-202 ⁴
municeps Fall 34-171 ¹⁴ N.H.
temporale || Fall 34-127 ^{14,15}
assimile Fall 34-128 ¹⁴ Ind. N.H.
mollinum Fall 34-128 ¹⁵ N.H. Me.

Agyptinus Ckll. 06-240 ⁴
* (*Agyptus* Lec. 66-369) ⁴
(*Agylyptonotus* Champ. 13-65) ⁴
laevis Lec. 53-284 ⁴ E.Can.-Ga.-La.

STAPHYLINIDÆ

Trigonurus Muls. & Rey 47-515 ¹
* *caelatus* Lec. 74-48 ¹ Cal.
rugosus Shp. 75-204 ¹
crotchi Lec. 74-48 ¹ Cal.-Alas.
lecontus Shp. 75-205 ¹
lecontei of authors ¹
edwardsi Shp. 75-205 ¹ Cal. Wash.
dilaticollis VanD. 34-179 ¹ Cal. B.C.
(subcostatum Mäkl., belongs in
[Lathrimacum])

Thoracophorus
brevicristatus Horn 71-332 ¹ Mex. W.I.
[Fla. Ariz.

¹ Hatch 29.

¹⁴ Hatch 36.

¹⁵ Fall—34.

² Blackwelder in MS.

² R. Hopping—36.

³ Revision of genus. Scheerpeltz—29.
⁴ Voris in litt.
⁵ Blair—33.
⁶ Brown—37.
⁷ Rearrangement of genus. Mank—34.
⁸ Leng Catalog.
⁹ Chagnon—34.
¹⁰ Jules—35.
¹¹ Fall in litt.

Bledius
philadelphicus Fall 19-26 ¹¹
dissimilis || Fall 10-107 ¹¹
falli Wend. 28-298 ¹¹

Paralispinus
exiguus Er. 40-830 ¹ S.A. C.A. W.I.
laevigatus Kr. 59-188 ¹ [Fla.-La.
rufescens Lec. 63-59 ¹ [Orient
rufus Fvl. 65-60 ¹ [Hawaii
fauveli Shp. 76-392 ¹
aruensis Fvl. 78-200 ¹
pallescens Blackb. 85-126 ¹

Stenus
falli Scheerp. 33-1154 Alas. Y.T.
frigidus || Fall 26-59 ¹²

PAEDERINI ¹³

Thinocharis Kr. 59-142 ¹³
 SCIOCHARIS Lynch 84-260 ¹³
carolinensis Csy. (Sciocharis)
congruens Csy. (Sciocharis)
nubipennis Csy. (Sciocharis)
 SCIOCHARELLA Csy. 05-151 ¹³
exilis Er. 40-627 ¹ S.A. C.A. W.I.
atratula Lynch 84-265 ¹ [Fla. Ala.
fragilis Shp. 86-574 ¹
minuta Shp. 86-574 (Sciocharis)¹
delicatula Csy. 05-159 (Sciocharis)¹
pertenuis Csy. 10-188 ¹

Lithocharis Bois. & Lac. 35-431 ¹³
(Arthocharis Cam. 21-372)¹³
(Metaxyodonta Csy. 86-29)¹³
(Sunius Steph. 32-274, not Er.)¹³
 LITHOCHARIS (s.str.)¹³
ochracea Grav. 02-59 ¹ S.A. C.A. W.I.
 [U.S. Eur. Afr. India, China, Pac.Is.
rubricollis Grav. 06-138 ¹
testacea Bois. & Lac. 35-432 ¹
brunniceps Fairm. 49-290 ¹
fastidiosa Fairm. & Germ. 61-438 ¹
alutacea Csy. 86-30 ¹
quadricollis Csy. 86-31 ¹
simplex Csy.
sonoricus Csy.
 PSEUDOMEDON Muls. & Rey
 [78-122 ¹³]
alabamæ Csy. (Pseudomedon)
capitulus Csy. (Pseudomedon)
clarescens Csy. (Pseudomedon)
ruficollis Csy. (Pseudomedon)
thoracicus Csy. (Pseudomedon)

Aderocharis Shp. 86-552 ¹³
 ADEROCHARIS (s.str.)¹³
corticinus Grav.

Stilomedon Shp. 86-565 ¹³
 POLYMEDON Csy. 05-151 ¹³
tabacinum Csy. (Polymedon)

Neomedon Shp. 86-557 ¹³
arizonense Csy.

Hypomedon Muls. & Rey 78-122 ¹³
(Chloëcharis Lynch 84-259)¹³
(Euastenus Fiori 15-10)¹³
(Hemimedon Csy. 05-152)¹³
Lena Csy. 05-189)¹³
 HYPOMEDON (s.str.)¹³
angustum Csy. (Hemimedon)
curtipennis Scheerp. 33-1259 ¹²
brevipenne || Csy. 05-186 (Caloderma)
 [derma]¹²

conjugx Csy. (Caloderma)
 continens Csy. (Caloderma)
 contractum Csy. (Caloderma)
 debilicorne Woll. 57-194 ¹ S.A. C.A.
 [W.I. Fla.-S.C.-Tex. Eur. Asia.
brevicornis Allard 57-747 ¹
egyptiaca Mots. 58-644 ¹
occulta Waterh. 76-108 ¹
rufula Lynch 84-259 ¹
pallidus Fiori 15-10 ¹
 discolor Csy. (Caloderma)
 exile Csy. (Caloderma)
 luculentum Csy. (Caloderma)
 mobile Csy. (Caloderma)
 molle Csy. (Caloderma)
 peregrinum Csy. (Caloderma)
 pollens Csy. (Caloderma)
 quadripenne Csy. (Caloderma)
 reductum Csy. (Caloderma)
rufipes Csy. (Hemimedon)
tantillum Csy. (Caloderma)
testaceum Csy. (Lena)
 OLIGOPTERUS Csy. 86-12 ¹³
(Micromedon Csy. 05-153)¹³
(Medonella Csy. 05-154)¹³
cuneicolle Csy. (Oligopterus)
filum Csy. (Oligopterus)
flexile Csy. (Oligopterus)
minutum Csy. (Sciocharis)
remotum Csy. (Oligopterus)
 CALODERMA Csy. 86-5 ¹³
angulatum Csy. (Caloderma)
rugosum Csy. (Caloderma)
semibrunneum Csy. (Caloderma)
 TRACHYSECTUS Csy. 86-32 ¹³
confluentum Say (Trachysectus)

Medon Steph. 32-273 ¹³
(Oxymedon Csy. 05-177)¹³
 MEDON (s.str.)¹³
americanum Csy.
rubrum Csy. (Oxymedon)
texanum Csy.
 TETRAMEDON Csy. 05-178 ¹³
rufipenne Csy. (Tetramedon)
 PLATYMEDON Csy. 89-184 ¹³
(Paramedon Csy. 05-166)¹³
arizonicum Csy. (Paramedon)
boreale Csy. (Paramedon)
conforme Csy. (Paramedon)
consanguineum Csy. (Paramedon)
contiguum Csy. (Paramedon)
convergens Csy.
caseyi Scheerp. 33-1256 ¹²
debilis || Csy. 05-174 (Paramedon)¹²
difforme Csy. (Paramedon)
distans Csy. (Paramedon)
explicans Csy.
gregale Csy. (Paramedon)
gulare Csy. (Paramedon)
helenæ Csy.
humboldti Csy. (Paramedon)
inquilinum Csy.
insulare Csy.
kernianum Csy. (Paramedon)
lacustre Csy.

¹² Scheerpeltz—33.

¹³ A generic revision of the Pæderini of the world, Blackwelder—39. Species examined are listed with indication of their former position if different from the present, but the list is not complete. See original catalog for citations, localities, and synonymy of the species.

langidum Csy. (Paramedon)
 laticolle Csy. (Platymedon)
 latiusculum Csy. (Paramedon)
 lepidum Csy.
 luctuosum Csy. (Paramedon)
 malacum Csy. (Paramedon)
 mimulum Csy. (Paramedon)
 montanum Csy. (Paramedon)
 nevadicum Csy. (Platymedon)
 nitidulum Csy.
 oriens Csy. (Paramedon)
 pallescens Csy. (Paramedon)
 pallidipenne Csy. (Paramedon)
 puherulum Csy.
 retrusum Csy. (Paramedon)
 sinuaticolle Csy.
 shastanicum Csy. (Paramedon)
 sublesteum Csy. (Paramedon)
 subsimile Csy. (Paramedon)
 tahoense Csy. (Paramedon)
 vancouveri Csy. (Paramedon)
 MEDONODONTA Csy. 05-176 ¹²
 alutaceum Csy. (Medonodonta)

Orus Csy. 84-136 ¹³

ORUS (s.str.)¹³

boreellus Csy.
 deceptor Csy.
 distinctus Csy.
 filius Csy.
 fraternus Fall
 caseyanus Scheerp. 33-1265 ¹²
 longicollis || Csy. 05-197 ¹²
 montanus Fall
 pallidus Csy.
 parallelus Csy.
 pinalinus Csy.
 provensus Csy.
 pugetanus Csy.
 punctatus Csy.
 robustulus Csy.
 shastanus Csy.
 sonomæ Csy.

LEUCORUS Csy. 05-191 ¹³

ferrugineus Csy. (Leucorus)
 luridus Csy. (Leucorus)
 ochrinus Csy. (Leucorus)
 rubens Csy. (Leucorus)
 PYCNORUS Csy. 05-194 ¹³
 dentiger Lec. (Pyenorusr)
 iowanus Csy. (Pyenorusr)

Scopocus Er. 40-604 ¹²

(Leptorus Csy. 86-217)¹²
 (Polyodontus Sol. 49-310)¹²
 (Pseudorus Csy. 10-190)¹²
 (Scoponorus Mots. 58-641)¹²
 SCOPÆUS (s.str.)¹²
 angustissimus Csy.
 arizone Csy.
 bicolor Csy.
 brachypterus Csy.
 carolinae Csy.
 cervicula Csy. (Pseudorus)
 crassulus Csy.
 degener Csy.

delicatus Csy.
 exiguis Er.
 gilensis Csy.
 hudsonicus Csy.
 longiceps Csy.
 macilentus Csy.
 notangulus Csy.
 picipes Csy.
 prolixipennis Csy. (Pseudorus)
 quadripennis Csy.
 saginellus Csy.
 spectralis Csy. (Pseudorus)
 texanus Csy.
 versicolor Csy.
 SCOPÆODERA Csy. 86-217 ¹²
 nitidus Lec. (Scopæodera)
 sonoricus Csy. (Scopæodera)
 SCOPÆOPSIS Csy. 05-191 ¹²
 duryi Csy. (Scopæopsis)
 elaboratus Csy. (Scopæopsis)
 opacus Lec. (Scopæopsis)
 pallens Csy. (Scopæopsis)
 ventralis Csy. (Scopæopsis)
 SCOPÆOMA Csy. 05-191 ¹²
 angusticeps Csy. (Scopæoma)
 caseyi Scheerp. 33-1265 ¹² Colo.
 procerus || Csy. 05-213 (Scopæo-
 [ma])¹²
 notmani Scheerp. 33-1268 ¹²
 pallidus | Notm. 21-152 (Scopæo-
 [ma])¹²
 puritanus Csy. (Scopæoma)
 rotundiceps Csy. (Scopæoma)
 truncaticeps Csy. (Scopæoma)

Megastilicus Csy. 89-183 ¹³

formicarius Csy.

Stilicolina Csy. 05-228 ¹²

(Omostilicus Csy. 05-229)¹²
 sonorina Csy. (Omostilicus)
 tristis Melsh.

Pachystilicus Csy. 05-226 ¹²

hanhami Wickh.

Stilicus Latr. 25-495 ¹²

(Rugilus Curt. 27-168)¹²
 (Stilicosoma Csy. 05-219)¹²

abbreviellus Csy.
 angularis Er.
 apicalis Csy.
 biarmatus Lec.
 dentatus Say
 lacustrinus Csy.
 latiusculus Csy.
 luculentus Csy.
 minusculus Csy.
 nigrolucens Csy.
 opaculus Lec.
 oregonus Csy.
 rufidus Lec.

Acrostilicus Hubb. 96-299 ¹²

hospes Hubb.

¹² Scheerpeltz—33.

¹³ Blackwelder—39.

Lathrobium Grav. 02-51 ¹³
 (Centroc nemis Jos. 68-365) ¹³

LATHROBIUM (s.str.) ¹³
 (Litolathra Csy. 05-71) ¹³

amplipenne Csy.
 amputans Csy. (Litolathra)
 armatum Say
 leconteanum Scheerp. 33-1278 ¹²
 concolor || Lec. 63-44 (Litolathra) ¹²

confusum Lec. (Litolathra)
 convictor Csy. (Litolathra)
 crurale Csy. (Litolathra)
 dakotanum Csy. (Lathrobioma)
 deceptivum Csy.
 divisum Lec.
 franciscanum Csy.
 gravidulum Csy.
 hesperum Csy. (Lathrobioma)
 illini Csy.
 innocens Csy.
 inops Csy. (Lathrobioma)
 inornatum Csy. (Litolathra)
 longiventre Csy.
 neglectum Csy.
 nigrolineum Csy. (Lathrobioma)
 nigrolucens Csy.
 obtusum Csy.
 oregonum Csy. (Lathrobioma)
 othoides Lec. (Lathrobioma)
 picescens Csy.
 postremum Csy.
 praelongum Csy.
 procerum Csy.
 rhodeanum Csy. (Litolathra)
 rigidum Csy.
 scolopaceum Csy. (Lathrobioma)
 simile Lec.
 simplex Lec.
 sparsellum Csy.
 spissicorne Csy.
 subæquale Csy.
 subgracile Csy. (Litolathra)
 suspectum Csy. (Litolathra)
 vancouveri Csy.
 virginicum Csy. (Lathrobioma)
 washingtoni Csy.

LATHROLEPTA Csy. 05-72 ¹³
 debile Lec. (Lathrolepta)

DERATOPEUS Csy. 05-73 ¹³

nanulum Csy. (Lathrobioma)
 nitidulum Lec. (Deratopeus)
 parvipenne Csy. (Deratopeus)
 semirubidum Csy. (Litolathra)

TETARTOPEUS Czwal. 88-349 ¹³

agitans Csy. (Tetartopeus)
 angulare Lec. (Tetartopeus)
 callidum Csy. (Tetartopeus)
 captiosum Csy. (Tetartopeus)
 finitimum Lec. (Tetartopeus)
 floridanum Csy. (Tetartopeus)
 furvulum Csy. (Tetartopeus)
 hebes Csy. (Tetartopeus)
 lacustre Csy. (Tetartopeus)
 nigerum Lec. (Tetartopeus)
 nigrescens Csy. (Tetartopeus)

punctulatum Lec. (Tetartopeus)
 rubripenne Csy. (Tetartopeus)
 semirubrum Csy. (Tetartopeus)
 stibium Csy. (Tetartopeus)
 terminatum Grav. (Tetartopeus)
 tetricum Csy. (Tetartopeus)

ABLETOBIUM Csy. 05-70 ¹³

pallescens Csy. (Abletobium)

APTERALIUM Csy. 05-70 ¹³

brevipenne Lec. (Apterarium)
 carolinae Csy. (Apterarium)

LATHROBIOPSIS Csy. 05-72 ¹³

texana Csy. (Lathrobiopsis)

LATHROBIOMA Csy. 05-72 ¹³

tenue Lec. (Lathrobioma)

Lobrathium Muls. & Rey 78-29 ¹³

(Bathrolium Gozis 86-14) ¹³
 (Lathrobiella Csy. 05-75) ¹³
 (Lathrotaxis Csy. 05-74) ¹³

EULATHROBIUM Csy. 05-73 ¹³
 (Lathrotropis Csy. 05-74) ¹³

caseyi Blais. (Lathrotropis)
 gnomum Csy. (Lathrotropis)
 grande Lec. (Eulathrobium)
 jacobinum Lec. (Lathrotropis)
 puncticeps Lec. (Lathrotropis)
 relictum Csy. (Lathrotropis)
 subseriatum Lec. (Lathrotropis)
 ustulatum Csy. (Lathrotropis)
 vafrum Csy. (Lathrotropis)
 validiceps Csy. (Lathrotropis)

PSEUDOLATHRA Csy. 05-74 ¹³

(Linolathra Csy. 05-75) ¹³
 (Microlathra Csy. 05-75) ¹³
 (Paralathra Csy. 05-75) ¹³

æmulum Csy. (Lathrobiella)
 ambiguum Lec. (Lathrobiella)
 anale Lec. (Pseudolathra)
 angustulum Csy. (Lathrobiella)
 angustum Csy. (Lathrotaxis)
 atriventre Csy. (Lathrobiella)
 bardum Csy. (Lathrobiella)
 cupidum Csy. (Lathrobiella)
 depressulum Csy. (Lathrobiella)
 dimidiatum Say (Linolathra)
 famelicum Csy. (Lathrobiella)
 filicorne Csy. (Paralathra)
 filitarse Csy. (Linolathra)
 perfragile Scheerp. 33-1280 ¹²
 fragile || Csy. 05-130 (Lathrobiella) ¹²

gaudens Csy. (Linolathra)
 gracilicorne Csy. (Lathrobiella)
 habile Csy. (Lathrobiella)
 inviolatum Scheerp. 33-1277 ¹²
 integrum || Csy. 05-141 (Lathro-
 [biella]) ¹²

leviceps Csy. (Pseudolathra)
 lineiforme Csy. (Microlathra)
 lituarium Lec. (Linolathra)
 merens Csy. (Lathrobiella)
 modestum Csy. (Lathrobiella)
 nigricans Csy. (Lathrobiella)
 oregonense Csy. (Lathrobiella)

pallidulum Lec. (*Microlathra*)
 robustulum Csy. (*Lathrobiella*)
 rubidum Csy. (*Lathrobiella*)
 rutilans Csy. (*Microlathra*)
 tricolor Csy. (*Lathrobiella*)
 vagans Csy. (*Lathrobiella*)
 ventralis Lec. (*Lathrobiella*)
 LOBRATHIUM (s.str.)¹³
 acomanum Csy. (*Lathrotaxis*)
 atronitens Csy. (*Lathrotaxis*)
 caseyanum Scheerp. 33-1274¹²
 bi-partitum || Csy. 05-122¹²
 californicum Lec. (*Lathrotaxis*)
 canorum Csy. (*Lathrotaxis*)
 centurio Csy. (*Lathrotaxis*)
 collare Er. (*Lathrobiella*)
 coloradense Csy.
 expressum Csy. (*Lathrotaxis*)
 fallaciosum Csy. (*Lathrotaxis*)
 fallax Csy. (*Lathrobiella*)
 floridae Csy. (*Lathrotaxis*)
 galvestonicum Csy. (*Lathrotaxis*)
 longiusculum Grav. (*Lathrotaxis*)
 montanicum Csy.
 politum Grav. (*Lathrotaxis*)
 præceps Csy. (*Lathrotaxis*)
 rubricollis Csy. (*Lathrotaxis*)
 soror Csy. (*Lathrotaxis*)
 tacomæ Csy.

Acalaphana Shp. 86-554¹³
 (*Calaphana* Lynch 84-267)¹³
 compacta Csy.

Dacnochilus Lec. 63-47¹³
 laetus Lec.

Pæderus Fabr. 75-268¹³
 (*Pæderomorphus* Gaut. 62-75)¹³
 PÆDERUS (s.str.)¹³
 (*Leucopæderus* Csy. 15-59)¹³
 (*Pæderidus* Muls. & Rey
 [78-245]¹³
 (*Pæderillus* Csy. 05-59)¹³

canonicus Csy.
 caroline Csy.
 compotens Lec.
 femoralis Lec.
 floridanus Aust.
 grandis Aust.
 iowensis Csy.
 littorarius Grav.
 nevadensis Aust.
 oblitteratus Lec.
 pugetensis Lec.
 riparius Linn.
 saginatus Csy.
 texanus Csy.
 ustus Lec.

NEOPAEDERUS Blkwr. 39-97¹³
 littoreus Aust.
 palustris Aust.

Lissobiops Csy. 05-25¹³
 serpentinus Lec.

Homœotarsus Hochh. 51-34¹³
 (*Spirosoma* Mots. 58-206)¹³
 GASTROLOBIUM Csy. 05-23¹³
 arizonensis Horn (*Gastrolobium*)
 atriceps Csy. (*Gastrolobium*)
 badius Grav. (*Gastrolobium*)
 bicolor Grav. (*Gastrolobium*)
 carolinus Er. (*Gastrolobium*)
 coloradensis Csy. (*Gastrolobium*)
 convergens Csy. (*Gastrolobium*)
 despectus Lec. (*Gastrolobium*)
 floridanus Lec. (*Gastrolobium*)
 illinianis Csy. (*Gastrolobium*)
 lecontei Horn (*Gastrolobium*)
 melanocephalus Er. (*Gastrolobium*)
 obliquus Lec. (*Gastrolobium*)
 parallelus Csy. (*Gastrolobium*)
 peninsularis Csy. (*Gastrolobium*)
 pimerianus Lec. (*Gastrolobium*)
 proximus Csy. (*Gastrolobium*)
 spissiceps Csy. (*Gastrolobium*)
 strenuus Csy. (*Gastrolobium*)
 subatratus Csy. (*Gastrolobium*)
 suturalis Csy. (*Gastrolobium*)
 texanus Lec. (*Gastrolobium*)
 vagus Horn (*Gastrolobium*)
 ventralis Horn (*Gastrolobium*)
 virginicus Csy. (*Gastrolobium*)
 HESPEROBIUM Csy. 05-33¹³
 atronitens Csy. (*Hesperobium*)
 californicus Lec. (*Hesperobium*)
 capito Csy. (*Hesperobium*)
 cinctus Say (*Hesperobium*)
 clavicornis Csy. (*Hesperobium*)
 cibratus Lec. (*Hesperobium*)
 flavicornis Lec. (*Hesperobium*)
 pacificus Csy. (*Hesperobium*)
 pallipes Grav. (*Hesperobium*)
 parviceps Csy. (*Hesperobium*)
 rubripennis Csy. (*Hesperobium*)
 sellatus Csy. (*Hesperobium*)
 tumidus Lec. (*Hesperobium*)
 vancouveri Csy. (*Hesperobium*)

Cryptobium Mannh. 30-38¹³
 ABABACTUS Shp. 85-533¹³
 pallidiceps Csy. (*Ababactus*)
 NEOBACTUS Blkwr. 39-96¹³
 nunenmacheri Blkwr. 39-96

Biocrypta Csy. 05-26¹³
 magnolia Blatch.
 prospiciens Lec.

Stilicopsis Sachse 52-144¹³
 paradoxa Sachse
 subtropica Csy.

¹² Scheerpeltz 33.

¹³ Blackwelder 39.

Stamnoderus Shp. 86-607 ¹³

carolinæ Csy.
monstrosus Lec.
pallidus Csy.

Astenus Steph. 32-275 ¹³

(*Astenognathus* Reitt. 09-150)¹³
(*Sunius* Er. 39-523, not Steph.)¹³
ASTENUS (s.str.)¹³

americanus Csy.
arizonanus Csy.
binotatus Say
brevipennis Aust.
californicus Aust.
cinctus Say
discopunctatus Say
fusciceps Csy.
inconstans Csy.
linearis Er.
longiusculus Mannh.
ornatellus Csy.
prolixus Er.
robustulus Csy.
sectator Csy.
similis Aust.
simulans Csy.
specter Csy.
strigilis Csy.
tenuiventris Csy.
zuni Csy.
sinuaticollis Brg. 34-29

STAPHYLININI**Diochus** Er. 39-300

* nanus Er. 39-301 ¹ S.A. C.A. W.I. N.A.
schaumi Kr. 60-27 ¹
parvulus Kr. 60-27 ¹
longicornis Shp. 76-184 ¹
vicinus Shp. 76-185 ¹
tarsalis Shp. 76-185 ¹
flavicans Shp. 76-185 ¹
inornatus Shp. 85-466 ¹
villis Shp. 85-467 ¹
maculicollis Fvl. 91-106 ¹
brevipennis Csy. 06-431 ¹
thoracicus Csy. 06-432 ¹
pallidiceps Csy. 06-432 ¹
perplexus Cam. 22-116 ¹
apicipennis Cam. 22-116 ¹
antennalis Cam. 22-117 ¹
pumilio Bnhr. 29-193 ¹

Philonthus

lacustrinus Scheerp. 33-1347 ¹²
lacustris || Csy. 15-432 ¹²

thermarum Aube 50-316 ¹ S.A. W.I. Mo.
[D.C. Eur. Asia, Afr.

exilis Kr. 51-292 ¹
angustatus Kr. 59-92 ¹
pygmaeus Kr. 59-93 ¹
fuscolaterus Mots. 59-76 ¹
inclinans Walker 59-51 ¹

flavolimbatus Er. 40-471 ¹ S.A. C.A.
[W.I. Fla.-Cal.

apicipennis Lynch 84-155 ¹

hepaticus Er. 40-451 ¹ S.A. C.A. W.I.

[Cal. Nev. Ariz. Pa. Kan. Australia
villis Er. 40-451 ¹

orphanus Er. 40-452 ¹

nanus Melsh. 46-36 ¹

cinctetus Melsh. 46-37 ¹

palleolus Melsh. 46-37 ¹

rufipennis Sol. 49-317 ¹

varicolor Eoh. 58-29 ¹

pyropterus Kr. 59-12 ¹

pauxillus Solsky 67-133 ¹

parvimanus Shp. 85-406 ¹

cinctulus Bnhr. & Schub. 14-341 ¹

varians Payk. 89-45 ¹ W.I. N.A. Eur.
[Afr. Asia.

Echiaster Er. 40-636 ¹³**ECHIASTER** (s.str.)¹³

ludovicianus Csy.
LEPTOGENIUS Csy. 86-214 ¹²
brevicornis Csy. (Leptogenius)

* * *

Leptacinus ¹

parumpunctatus Gyll. 27-481 ¹ W.I. N.A.
[Eur. Afr. Asia, Australia
longicollis Steph. 33-259 ¹
ampliventris Duval 54-37 ¹
radiosus Peyron 58-421 ¹
pallidipennis Mots. 58-206 ¹
tricolor Kr. 59-110 ¹
flavipennis Kr. 59-111 ¹
amissus Fairm. & Coqu. 60-158 ¹
breviceps Waterh. 77-24 ¹
papuensis Fvl. 78-242 ¹
sardous Fiori 94-94 ¹
rubricollis Reitt. 99-157 ¹
fauveli Cam. 22-114 ¹

bipustulatus Grav. 02-37 ¹
aterrimus Marsh. 02-513 ¹
nitens Grav. 02-26 ¹
opacus Grav. 02-26 ¹
binaculatus Marsh. 02-525 ¹
intaminatus Steph. 32-235 ¹
lituratus Steph. 32-238 ¹
punctiventris Steph. 32-235 ¹
unicolor Steph. 32-224 ¹
costatus Baudi 48-29 ¹
incompletus Hochh. 49-153 ¹
scutatus Epp. 95-127 ¹
alpigradus Muls. & Rey 75-481 ¹
proteus Everts 22-124 ¹
brunneipennis Everts 22-124 ¹
piceicornis Grid. 20-18 ¹
fuscicoxis Scheerp. 33-1366 ¹

¹ Blackwelder in MS.

longicornis Steph. 32-237¹ S.A. C.A. [W.I. N.A. Eur. Afr. Asia, etc.
fuscicornis Nord. 37-96¹
scybalarius Nord. 37-94¹
feralis Er. 40-469¹
promtus Er. 40-929¹
varians Fairm. 49-290 (not Payk.)¹
algiricus Mots. 58-663¹
pedestris Walk. 59-51¹
asemus Kr. 59-86¹
purpleus Fairm. & Germ. 61-431¹
fumosus Sols. 63-134¹
luteabilis Olliff. 87-501¹
linki Enhr. 08-34¹
rubromaculatus Enhr. 15-9¹
picicornis Grid. 20-18¹
ventralis Grav. 02-174¹ S.A. W.I. N.A. [Eur. Asia, Afr.
anthrax Grav. 02-176¹
immundus Grav. 06-66¹
celer Grav. 06-66¹
picocollis Steph. 32-224¹
fulvipes Steph. 32-229 (not Fabr.)¹
rotundiceps Steph. 32-248¹
proximus Woll. 57-189¹
fortunatus Woll. 65-493¹
discoideus Grav. 02-33¹ W.I. N.A. Eur. [Afr. Asia, Hawaii
testaceus Payk. 89-28¹
suturalis Marsh. 02-509¹
lepidulus Steph. 32-223¹
conformis Bois. & Lac. 35-398¹
ruficornis Melsh. 46-38¹
rufipennis Gerh. 10-555¹
gerhardtianus Scheerp. 33-1340¹
kessleri Blatch. 36-256
multipunctatus Blatch. 10-389

Belonuchus
rufipennis Fabr. 01-597¹ S.A. C.A. W.I.
formosus Grav. 06-72¹ [N.A.
apicalis Dej. 33-63¹
pallipes Melsh. 46-35¹
schefferi Cooper 33-545 Tex.

Cafius Steph. 32-345¹⁴
* **CAFIUS** (s.str.)¹⁴
nudus Shp. 74-36¹⁴ Japan, Vanc.
johsoni Fall 16-13¹⁴
ERYNOMUS Csy. 86-313¹⁴
canescens Mäki. 52-313¹⁴ Cal.-Alas.
seminitens Horn 84-236¹⁴ Cal.
EUREMUS Brg. 34-68¹⁴
decipiens Lec. 63-40¹⁴ Cal.
sulcicollis Lec. 63-40¹⁴ Cal.
luteipennis Horn 84-237¹⁴ L.Cal.-Vanc.
bistriatus Er. 40-502¹⁴ N.Y.-Fla. W.I.
bilineatus Er. 40-503¹⁴
ruffrons Big. 34-68¹⁴
PSEUDOREMUS Koch 36-179¹⁴
opacus Lec. 63-40¹⁴ Cal.
lithocharinus Lec. 63-38¹⁴ Cal.
REMUS Holme 37-64¹⁴
sericeus Holme 37-64¹⁴ Eur. Atl.Cst.
f.aguayoi Brg. 34-66¹⁴ Atl.Cst.
f.femoralis Mäki. 53-189¹⁴ Alas.-Cal.

¹⁴ Blackwelder, p. M.

¹⁵ Revision of genus, Koch 38.

¹⁶ Described as valid species, Blaekwelder 34.

Staphylinus

caseyi Scheerp. 33-1392
quadraticeps Csy. 25-149¹²
macgregori Cooper 33-264 Ariz.
globulifer Fourc. 85-164¹⁶ Eur. Que.
edentulus Block 99-115¹⁶
morio Grav. 02-6¹⁶

Creophilus

* *maxillosus* Linn. 58-421¹ C.A. W.I. N.A. [Eur. Asia, Afr.
anonymus Sulz. 61-17¹
balteatus DeG. 74-18¹
fasciatus Fuess. 75-21¹
nebulosus Fourc. 85-165¹
villosus Grav. 02-160¹
cilialis Steph. 32-202¹
arcticus Er. 39-350¹
cinerarius Er. 39-350¹
bicinctus Mannh. 43-229¹
orientalis Mannh. 43-229¹
fulvago Mots. 60-120¹
imbecillus Shp. 74-28¹
medialis Shp. 74-28¹
subfasciatus Shp. 74-28¹
pulchellus Meier 99-99¹
canariensis Enhr. 08-334¹

Quedius

caseyi Scheerp. 33-1435 Man.
curtipennis Csy. 15-414¹²

Anacypus

Horn 77-87
(Microcyptus Horn 82-1)
* *testaceus* Lec. 63-30¹ W.I. Fla.-Ariz. [L.Sup.

Tachyporus

Grav. 02-124¹⁷
* *nitidulus* Fabr. 81-337¹⁷ Mass.-Va.-Cal.-brunneus Fabr. 92-535¹⁷ [B.C.
faber Say 34-468¹⁷
scitulus of Horn 77-105¹⁷
nanus Er. 40-240¹⁷ D.C. Pa. Mich.
rulomus Blkwr. 36-44 Alas.-Cal.-Mich.
tehamae Blkwr. 36-45 Cal.
californicus Horn 77-104¹⁷ Cal.-Wash.
stejnegeri Blkwr. 36-47 Alaska
jocosus of Lin. & Schw. 98-333¹⁷
maculipennis Lec. 66-374¹⁷ Vt.-Ga.-[N.M.-E.C.
elegans Horn 77-103¹⁷ Mass.-W.Va.-[Oklahoma-Man.
snyderi Blkwr. 36-49 D.C.-Fla.-Ky.
temacus Blkwr. 36-49 Colo. Nev. Sask.
jocosus Say 34-466¹⁷ N.H.-Fla.-Cal.-
arduus Er. 40-237¹⁷ [Y.T.
pulchrus Blatch. 10-447¹⁷ Ind.
oregonus Blkwr. 36-51 Ore. Cal.
acaudas Say 34-467¹⁷ Mass.-Ky.-N.M.-[Wash.-Ont.
maculicollis Lec. 66-374¹⁷
heterocerus Lec. MS¹⁷
angusticollis Lec. MS¹⁷

¹⁷ Scheerpeltz 33.

¹⁸ Chagnon 36.

¹⁹ Revision of genus, Blaekwelder 36.

Leucoparyphus Kr. 57-393
 * *silphoides* Linn. 67-684¹ W.I. N.A. Eur.
 [Asia, Afr.]

suturalis Panz. 94-18¹
marginalis Grav. 02-192¹
limbatus Grav. 06-12¹
pictus Er. 39-246¹
geminatus Rand. 38-39¹

Coproporus Kr. 57-399¹⁹

* (*Erchomus* Mots. 58-218)¹⁶
 (*Cilea* Pand. 69-277, not Duval)¹⁸
ventriculus Say 34-466¹⁸ N.H.-Fla.-Cal.-
 [Wash.-Man.]

acuductus Kby. 37-90¹⁸
affinis || Kby. 37-91¹⁸
gibbulus Er. 39-252¹⁸
punctulatus Melsh. 46-32¹⁸
flavidus Csy. 84-141¹⁸
politus || Manee 15-175¹⁸
maneei Scheerp. 34-1517
utilus Er. 39-253¹⁸ S.A. C.A. W.I. Tex.
brevis Scriba 55-296 (not Sharp)¹⁸
lecontei Blkwr. 38-5 Ariz. Cal.
punctipennis || Lec. 63-31¹⁸
laevis Lec. 63-31¹⁸ Md.-Fla.-Tex.-Ind.
sparsus Blkwr. 38-7 Ariz.
hepaticus Er. 39-249¹ S.A. C.A. W.I.
convergens Er. 39-248¹ [Tex.-Cal.
ignavus Shp. 76-87¹
inflatus Horn 77-107¹⁸
arizoneæ Blkwr. 38-8 Mex. Ariz. Tex.
pulchellus Er. 39-247¹ S.A. C.A. W.I.
cumanensis Scriba 55-297¹ [Fla.
infimus Duval 57-33¹⁸
distans Shp. 76-92¹

Philotermes Kr. 57-13¹⁹

pilosus Kr. 57-14¹⁹ Mass.-D.C.-Ill.
fuchsii Kr. 57-15¹⁹ Fla.-Tenn.-Ark.
pennsylvanicus Kr. 57-15¹⁹ Mass.-D.C.-
 [Ill.-Tex.
emersoni Seevers 38-435¹⁹ Ind.

Atheta

fenyseana Scheerp. 34-1607
annuliventris || Fenyse 14-49¹²
occidentalis Bnhr. (Cat. No. 5108 &
 [No. 5133])

Baryodma

bilineata Gyll. 10-436⁴ Eur. N.A.

Termitonidia Seevers 38-428²⁰
lunata Seevers 38-429 Ariz.

Eburniogaster Seevers 38-424²⁰

termitocolus Seevers 38-426 Ariz.
texanus Brues 02-186²¹ Tex.

¹ Voris in litt.

¹⁵ Revision of genus, Blackwelder--38.

¹⁹ Revision of genus, Seevers--38.

²⁰ Should follow *Termitogaster* in *Aleocharini* (near *Oculea*).

²¹ Seevers--38.

PSELAPHIDÆ

Actium

pennsylvanicum Bowm. 34-141 Pa.

Enplectus

excavatus Bowm. 34-141 Pa.

Trigonoplectus

minutus Bowm. 34-38 Pa.

rostratus Bowm. 34-38 Pa.

Bibloplectus

exilis Bowm. 34-141 Pa.

Batrisodes

kahli Bowm. 34-141 Tenn.

Brachygluta

mormon Bowm. 34-142 Utah

Reichenbachia

utahensis Tanner 34-43 Utah

Decarthron

setosum Bowm. 34-142 Pa.

Pselaphus

ulkei Bowm. 34-142 Can. Mass. Ida. [S.D.]

HISTERIDÆ²

Hololeptinæ²

Hololepta²

Iliotona³

Terebrinæ²

Teretrius²

Teretriosoma²

Abræinæ²

Peploglyptus²

Onthophilus²

Plegaderus²

setulosus Ross 38-50 B.C.

Bacanius²

¹ To precede *Acalonia*, Bowman--34.

² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera Insectorum* fasc. 166, and above.

³ Leng Catalog.

Anapleus :

marginatus Lec. 53-292
compactus Csy. 93-558
mexicanus Csy. 16-248

Abrius :**Acritus** :**Saprininæ** :**Saprinus** :

felipe Lewis 13-87
alienus Lec. 51-167
shantzi Csy. 24-200
pennsylvanicus Payk. 11-62
profusus Csy. 93-566
semistriatus Scriba 90-76 Eur. Afr.
 [Mex. Ia.-Mich.
semipunctatus Payk. 98-45
acuminatus Fabr. 98-37
nitidulus Fabr. 01-85
incrassatus Men. 32-170
krynickii Kryn. 32-113
turcomanicus Men. 48-55
subattenuatus Mots. 49-95
planiusculus Mots. 49-97
sparsipunctatus Mots. 49-97
uralensis Mots. 49-98
punctostriatus Mars. 62-460
steppensis Mars. 62-460
rugipennis Hockh. 72-225
hockhuthi Reitt. 06-267
subnitescens Bickh. 09-221
imperfectus of Blatch. 10-620
lecontei Csy. 16-262
pacovicensis Roubal 27-94
assimilis Payk. 11-63
simulatus Blatch. 10-621
conformis of Blatch. 10-620
semisulcus Hatch 29-79
conformis Lec. 45-72
oviformis Blatch. 10-622
sphaerooides Lec. 45-77
impunctellus Csy. 93-571
lakensis Blatch. 10-623
illinoiensis Wole. 12-161
eriensis Hatch 29-82
ontarioensis Hatch 29-82
ohioensis Hatch 29-82
michiganensis Hatch 29-83
seminitens of Blatch. 10-623

alutiger Wenzel 35-189 Wis. Ind.
prosternalis Hinton 35-78 L.Cal.
strigithorax Hinton 35-79 L.Cal.
ferrugineus Mars. 55-712
lustrans Csy. 16-269
bigemmatus Lec. 51-169
parvus Csy. 16-273
strigilarius Csy. 16-274
fltschi Mars. 62-494
omissus Csy. 16-272
ludovicianus Csy. 24-206

lucidulus Lec. 51-170

recticollis Csy. 24-204
diego Csy. 24-204
obsoletus Csy. 24-205
dimidiatipennis Lec. 24-170
palmatus Say 25-42 (or aberr.)⁸

Bæckmanniulus Rchdt. 26-12

balloui Hntn. 35-80⁹ L.Cal.
gaudens Lec. 51-165 Cal. Mex.
guardens Hntn. 35-81⁹
palmatus Say 25-42⁹ E.U.S.
serrulatus Lec. 51-165⁹ Cal.

Chelyoxenus :

xerobatis Hubb. 94-309 Fla.
repens Csy. 16-262⁴
insolitus Csy. 16-263⁴

Gnathoneus :**Dendrophilinæ** :**Dendrophilus** :

punctatus Hbst. 92-41
punctulatus Say 25-45¹⁰ Japan
xavieri Lewis¹⁰ Iowa
sexstriatus Hatch 38-18
tularensis Ross 37-67 Cal.

Nestipyge :**Carcinops** :

gilensis Lec. 51-164
uteana Csy. 16-242⁴
consors Lec. 51-164
papagoana Csy. 93-554⁴
nigra Csy. 16-242⁴
opuntiae Lec. 51-164
bisculpta Csy. 16-243⁴
perlata Csy. 16-244⁴

Paromalus :**Isolomalus** :

seeversi Wenzel 37-266 Kan.
seminulum Er. 34-171
ovulatus Csy. 16-246⁴

Histerinæ**TRIBALINI** :**Epierus** :**Stictostix** :**Tribalister** :**Idolia** :**Cærosternus** :

⁸ Leng & Mutchler—34.

⁹ Hinton—35.

¹⁰ Wenzel in litt. (after Ross).

² An alternative arrangement of genera differing from Leng's, is given by Bickhardt in *Genera Insectorum* fasc. 166, and above.

⁴ Wenzel in litt.

⁵ Ballou in litt.

⁶ Wenzel—39.

⁷ Wenzel—35.

PLATYSOMINI ²

Cylistix ²
cylindrica Payk. 11-91
parvula Csy. 24-198 ⁴

Platysoma ²

depressum Lec. 45-40
pinorum Csy. 16-202 ⁴
tabellum Csy. 93-551 ⁴

Omalodes ²HISTERINI ²**Psiloscelis** ²**Hister** ²

felipæ Lewis 01-373 ⁵
ænigmaticus Wenzel 37-267
semiruber Csy. 93-539
solaris Carn. 15-144 ⁴
militaris Horn 70-135 Cal. Ore. Wash.
?oregonus Csy. 93-549 ¹¹
?electus Csy. 93-548 ¹¹
?simplicipes Fall 01-235 ¹¹
ciliatus Lewis 88-199 ¹² Mex. Ariz.
sexstriatus Lec. 51-163
maritimus Csy. 16-214 ¹¹
s.jacobianus Csy. 16-215 ¹¹
stygicus Lec. 45-48
jaquesi Hatch 29-76 ¹
interruptus Beauv. 05-180
imminis Er. 34-143 ⁶
albertensis Hatch 26-275 ⁶
carri Hatch 26-276 ⁶
fœdatus Lec. 45-50
texensis Csy. 24-217 ⁴
 PARALISTER Bickh. 16-188
cognatus Lec. 45-28 ¹³ N.Y.-Can.-Tex.
unicus Csy. 93-547 ^{5 13}
sinuosus Lewis 00-231 ¹³
marginicollis Lec. 45-28 ¹³ Ill. Ind.
remotus Lec. 59-70 ¹³ Cal. Ore.
semisculptus Lec. 63-60 ¹³ Ill.
californicus Mars. 54-115 ¹³ L.Cal. Mex.

Kans.
Ind.

* * *

abbreviatus Fab. 75-53
coloradensis Csy. 24-198 ⁴
deputator Say 25-33
furtivus Lec. 59-313 ⁴
circinans Csy. 16-220 ⁴
osculatus Blatch. 10-607
puncticollis Schiffr. 12-26 ⁶
grandis Wenzel 39-13 Iowa
fungicola Schiffr. 12-27
nanulus Csy. 16-224 ⁴
indistinctus Say 25-35
debilicinus Csy. 24-197 ⁴
densicauda Csy. 16-222
cribricauda Csy. 16-222 ⁴
americanus Payk. 11-31
diffractus Csy. 16-225 ⁴

pollutus Lec. 59-7
laevicauda Csy. 16-227 ⁴
fluvialis Csy. 16-228 ⁴
tornatus Lec. 80-190 ⁴ N.C. Ga.

Margarinotus ²EXOSTERNINI ²**Phelister** ²

(*conquisitus* Lewis, not No. American) ⁹

Pseudister ⁹

hospes Lewis 02-236 ⁹

N.Y.

HETÆRIINÆ ²HETÆRIOMORPHINI ²**Terapus** ²

arizonensis Ross 38-48

Ariz.

Ulkeus ²HETÆRIINI ²**Reninus** ⁴

salvini Lewis 88-220 ⁴

Tex.

Echinodes ²**Heterius** ²

wagneri Ross 38-49

Cal.

LYCIDÆ

Plateros

californicus VanD. 18-1
columbiensis Brown 29-108 ¹

LAMPYRIDÆ

Aspidosoma

ignitum Linn. 67-645 ² Tex. Mex.-Bra.

Phausis

nigra Hopp. 37-89

B.C.

CANTHARIDÆ

Cantharis

perpallens Fall 36-179 Cal.
imbecillus Lec. 51-342 Pa. Conn.
mimus Fall 36-182 N.J.
mollis Fall 36-182 N.H.-Pa.
pusillus of Lec. 1881 (not Lec. 1851) ³

¹¹ Ross—37.

¹² Ballou & Siepmann—38.

¹³ Revision of subgenus, Wenzel—37.

¹ Fall—34.

² Fall—37.

³ Fall—36.

greenei Fall 36-183	W.Va.	Allonyx ⁵	
lecontei Fall 36-180		Pseudallonyx ⁶	
<i>collaris</i> Lec. 51-340 ³		Vectura ⁵	
tuberculatus Lec. 51-341		<i>fulvescens</i> Blais. 34-71	Cal.
<i>impressus</i> Lec. 51-341 ³		Dasytastes ⁵	
<i>brevicollis</i> Lec. 51-341 ³		Mecomycter ⁵	
<i>armiger</i> Couper 65-62 ³		Pseudasydates Blais. 38-18 ⁵	
		<i>inyoensis</i> Blais. 38-18	Cal.
MELYRIDÆ ⁴			
Malachinæ ⁴			
Collops	Wyo.	Eudasytes ⁵	
<i>bridgeri</i> Tanner 36-153		<i>sinuatus</i> Blais. 37-138	Cal.
Malachius	Ut. Ida.	Asydates ⁵	
<i>utahensis</i> Tanner 36-153	B.C.	Sydatopsis ⁵	
<i>antennatus</i> Hopp. 37-90		Cradytes ⁵	
Tanaops	Ariz.	Eutricholistra ⁵	
<i>testaceus</i> Marshall 37-164		Bytuerosoma ⁵	
Attalus	B.C.	Trichochrous ⁵	
<i>smithi</i> Hopp. 37-91		<i>cupripilosa</i> Blais. 37-140	Cal.
		<i>calcaratus</i> Fall 34-142	Is. off Cal.
Rhadalinæ ⁴			
Melyrinæ ⁴			
DASYTINI ⁵			
Cymbolus		Trichochronellus Blais. 38-23 ⁵	
Eucymbolus		<i>stricticollis</i> Csy. 95-532 ^{5 10}	Cal.
Dolichosoma		Holomallus Gorh. 86-325 ⁵	
Pristoseelis ⁵		Entrichopleurus Blais. 38-24 ⁵	
Eschatocrepis ⁵		<i>seriellus</i> Csy. 95-506 ^{5 10}	Utah
Dasytes ⁵	U.S.	Emmenotarsus ⁵	
<i>blaisdelli</i> Pic 37-65		Trichochroides Blais. 38-25 ⁵	
<i>subaneus</i> Blais. 26-12 ⁶		<i>sexualis</i> Csy. 95-524 ^{5 10}	Cal.
Dasytellus ⁵		Sydates ⁵	
Vecturoides Fall 30-255 ⁵		Listromimus ⁵	
(<i>Menovectura</i> Blais. 31-181) ⁵		Listromorpha Blais. 21-188 ⁵	
Amphivectura Blais. 38-13 ⁵		Adasytes ⁵	
<i>monticola</i> Blais. 34-151 ¹¹	B.C.	Ameocerus Sol. 49-419 ⁶	
Hoppingiana Blais. 24-2 ⁵		(<i>Listrus</i> Mots. 59-389) ^{6 11}	
<i>hudsonica</i> Lec. 66-360		<i>caseyi</i> Pic 37-99	U.S.
<i>brevitabris</i> Blais. 24-3 ^{5 9}		<i>subaneus</i> Csy. 95-342 ⁶	
<i>kingi</i> Brown 28-147 ⁹		<i>regalis</i> Blais. 38-165	Cal.
Leptovectura		<i>vanduzeei</i> Blais. 34-317	Cal.
		<i>coalingensis</i> Blais. 36-187	Cal.
- Fall - 36.		<i>gentryi</i> Blais. 36-185	Cal.
⁴ Subfamilies rearranged by Blaisdell—38.		<i>minimus</i> Blais. 36-184	Cal.
⁵ Genera rearranged by Blaisdell—38.		<i>coronadensis</i> Blais. 39-57	L.Cal.
⁶ Pic—37.		<i>robustus</i> Blais. 37-143	Wyo.
⁷ Described in <i>Hoppingiana</i> , Blaisdell—34.		<i>wyomingensis</i> Blais. 37-141	Wyo.
⁸ Blaisdell—34.			
⁹ Blaisdell—38.			
		Listropsis Blais. 24-1 ⁶	
		MELYRINI ⁵	

¹⁰ Described in *Trichochrous*.¹¹ Listed as valid by Blaisdell—38.

CLERIDÆ

The proper date of the following Leconte species should be 1849 instead of 1852: 7531, 7545 syn., 7561, 7565, 7597 syn., 7602 syn., 7610 syn., 7614, 7615, 7630a syn., 7643, 7647a, 7647a syn., 7660, 7661, 7679, 7681, 7689, 7714, and the genus *Elasmocerus*.¹²

Tillinæ¹²

Monophylla Spin. 41-75¹³
(*Elasmocerus* Lec. 52-13)¹³
(*Macrotelus* Spin. 41-75)¹³

Callotillus Wolc. 11-115¹³
vafer Wolc. 21-270 Ariz. S.Cal.¹²

Tillus Oliv. 90-22¹³
(*Cylinder* Voet 69-06—78)¹³
(*Tilloidea* Cast. 32-398)¹³

Perilypus Spin. 41-72¹³

Cymatodera Gray 32-375¹³
neomexicana Knoll 34-9 N.Mex.
xanti Horn (Locality should be L.Cal.)¹²
peninsularis Schffr. (Locality should be
[Lower Cal., Ariz.])¹²
fuchsi Schffr. 04-216
?comans Wolc. 10-351¹²
7563, for 65-95 read 66-95¹²
7568a, for 65-95 read 66-95¹²
7569, for 04-127 read 04-217¹²
cephalica Schffr. (Locality should be
[Cal.])¹²
purpuricollis Horn (Locality should be
[Lower Cal.])¹²

Bostrichocerus VanD. 38-189
bicornis VanD. 38-190 Gulf of Cal. Is.

Hydnocerinae¹³

Hydnocera Newm. 38-379¹³
7640, for 08-333 read 08-133¹²
7642, for 65-97 read 66-97¹²
7668, for 67-135 read 68-135¹²
(*lateralis* Gorh., not No. American)¹²
suturalis Klug
limbata Spin. 44-49¹²
verticalis Say
brachyptera Klug 42-313¹²

Isohydnocera Chpn. 17-83¹³
nigrina Schffr. 08-134¹²
7687, for 65-97 read 66-97¹²

(*Erolestes* Wolc., not North American)¹²
(*cleroides* Wolc., not No. American)¹²

¹² Wolcott in litt.
¹³ New generic classification after Chapin—24 and Schenckling—16, with synonymic additions from Schenckling—Col. Cat. p. 23.

Phyllobæninæ¹³

Phyllobænus Spin. 44-1¹³

Clerinæ¹³
Priocera Kby. 18-389¹³
chiricahuae Knoll 39-27

Ariz.

Opilo Latr. 02-111¹³

(*Eupocus* Ill. 07-341)¹³
(*Notoxus* of authors)¹³
(*Opilus* of authors)¹³

Serriger Spin. 41-73¹³

Ref. to Wolcott on p. 28 Suppl. 1 should
[read 22-77].¹²

Clerononus Klug 42-282¹³

(*Derestenus* Chev. 43-13)¹³
(*Colyphus* Spin. 44-133)¹³

furcatus Schffr. 04-218¹² Tex.
haagi Chevr. 76-12¹² Mex. Tex.
melanopterus Dury 06-251¹² Ohio
subcostatus Schffr. 17-131¹² Fla.
thoracica Oliv. 95-18¹²
monilis Melsh. 46-307¹²
ornaticollis Lec. 80-194¹²
v. pallipes Wolc. 12-55¹² Ill. Kan. Ia.
[Neb.]

Thanasimus Latr. 06-270¹³

(*Cleroides* Schäff. 77-137)¹³
(*Pseudoclerus* Duval 60-196)¹³
7582, for 70-342 read 71-342¹²
undatus Say 35-163
undulatus of authors¹²

Clerus Fabr. 75-157¹³

(*Enoclerus* Gahan 10-62)¹³
lecontei Wolc. 10-359
nigriventris || Lec. 61-351¹²
liljebladi Wolc. 22-73 Mich. N.Y.¹² Pa.¹²
erro Wolc. 22-68 (Thanasimus)¹² Ariz.
inyoensis VanD. 38-191 Cal.
(*quadriguttatus* Oliv. var. No. Amer.)¹²
abdominalis Chevr. 34-52 Mex. Ariz.
zonatus Klug 42-297¹²
v. spinolæ Lec. 53-230¹² Mx. Ar. Cal.
[Kan.]
bombycinus Chevr. 33-42 Cal.¹²
sphägeus Fabr. 87-125
sobrinus Walk. 66-326
sobrinus of authors (not Cast.)¹²

Placopterus Wolc. 10-363¹³

(*Phloopterus* of authors)
(*Plæopterus* of authors)
(*Pæciliochroa* Chevr. 76-5)¹³
cyanipennis Klug 42-307¹⁴ Mex.
v. dasytoides Westw. 49-50¹⁴ Mex. Tex.

¹⁴ Only representative in North America—Wolcott—in litt.

Anticus Spin. 41-74 ¹³
 (nero Spin., not North American) ¹²
humeralis Linsley 36-252 ¹⁵ L.Cal.
 [Gulf Cal.Is.
femoralis Schffr. 17-132 ¹⁵ Ariz. Tex.
monticola Gorh. 82-146 ¹⁵ Mx. Tex. Ar.
fissipes Schffr. 21-155 ¹⁵ Ariz. L.Cal.
nigriventris Schffr. 21-156 ¹⁵ Mex. Ariz.
dentipes Schffr. 21-157 ¹⁵ Tex. Ariz.
terrestris Linsley 33-95 ^{15 16} Cal.
bicinctus Linsley 36-255 ¹⁵ Cal.

(*Sallaea* Chevr., not North American) ¹²
 (coffini White, not North American) ¹²

Xenoclerus Schenk. 02-327 ¹³

Trichodes Hbst. 92-154 ¹³
 (*Pachyscelis* Hope 40-139) ¹³
interruptus Lec., for 52-88 read 49-18 ¹²
peninsularis Horn (Locality should be
 [Lower Cal.]) ¹²
ornatus Say (Locality should be Dak.
 [Colo.-Pac.-Alas.]) ¹²
nutalli Kby. (Add locality Colo.) ¹²

Thaneroclerinæ ¹³

Thaneroclerus Lef. 38-13 ¹³
 (*Isoclerus* Lewis 92-191) ¹³
 (*Thanoclerus* Chenu 60-247) ¹³
 (*Thanateroclerus* Gemm. & Har.
 [69-1739]) ¹³

Ababa Csy. 97-653 ¹²
 (*Prionostichus* Wolc. 11-125)
 (*Prionodera* || Wolc. 10-396)

Enopliinæ ¹³

Ichnea Cast. 36-55

Chariessa Perty 30-109 ¹³
 (*Brachymorphus* Chevr. 35-150) ¹³
 7707, for 57-48 read 60-48 ¹²

Pelonium Spin. 44-347 ^{13 11}
 (*Corinthicus* Fm. & Grm. 61-4 ¹³
 (*Phlyra* Cast. 36-53) ¹³
 (*Tarandocerus* Chevr. 76-7) ^{13 11}

Cregya Lec., ¹³ for 62-197 read 61-197 ¹²
 7717, for 65-98 read 66-98 ¹²

Orthopleura Spin. 44-80 ¹³
 (*Dermestoides* Schaeff. 71-220) ¹³
damicollis
bimaculata Melsh. 46-307 ¹²
(quadraticollis Spin., not N. Amer.) ¹²

Pelonides Kuw. 94-8 ¹³
 (*Enoplium* of authors) ¹³
 7699, for 67-135 read 68-135 ¹²
 (*militaris* Chevr., not No. American) ¹²

similis Knoll 38-97
perroudi Pic 33-12 (*Pyticera*) Tex.
 7704, for 65-99 read 66-99 ¹²

Korynetinæ ¹³

Lebasiella Spin. 44-77 ¹³
marginella Chevr. 43-42 ¹² ?Cal. Nev.

Korynetes Hbst. 92-148 ¹³
 (*Corynetops* Duval 61-201) ¹³
 (*Corynetes* of authors) ¹³
maculicollis
v.nigricollis Wolc. 27-110 ¹² Cal.

Necrobia Oliv. 95-76 ¹²
 (*Agonolia* Muls. 64-122) ¹³

Tarsostenus Spin. 44-287 ¹³

Opetiopalpus Spin. 44-110 ¹³
 (*Opetiopselaphus* Gemm. & Har.
 [69-1759]) ¹³

CEPHALOIDÆ

Cephaloon Newm. 38-377 ¹³
ungulare Lec. 74-275 N.H.-N.C. L.Sup.
pacificum VanD. 28-260 Cal.-B.C.
lepturides Newm. 38-377 Me.-Pa.-Mich.
lepturoides Hald. 48-95 ¹⁵
varians Hald. 48-95 ¹⁵
bicolor Horn 96-381 Cal. B.C.
tenuicorne Lec. 74-275 B.C.-Alb.-Wash.-
piceum Horn 96-380 ¹⁴ [Mont.
ornatum Csy. 97-652 ¹³
versicolor Csy. 97-651 ¹³
vandykei Hopp. & Hopp. 34-69 Cal.

MORDELLIDÆ

Mordellistena ¹⁹
frosti Lilj. Me.
erratica Smith Fla.
bifasciata Ray 36-125 Ill.
bicinctella Lec. Fla. S.St. Ind. O.
confusa Blatch. Ind.
ozarkensis Ray 36-125 Ill.
tarsalis Smith Tex.
 * * *
rubrofrontalis Ray 36-127 Ind.
tiara Ray 36-127 Ill. Mass.
rufocephalia Ray 36-128 Ill.

Pentaria Muls. 56-391 ²⁰
 (*Anthobates* || Lec. 50-23) ²⁰
 (*Anthobatula* Strand 29-23) ²⁰

¹² Revision of genus, Hopping & Hopping—34.

¹³ Revision of part of section I, Ray—36.

²⁰ Mequignon—37.

¹¹ Wolcott in litt.

¹² New generic classification after Chapin—24 and Schenckling—16, with synonymic additions from Schenckling—Col. Cat. p. 23

¹³ Revision of genus, Linsley—36.

¹⁴ Linsley—33-88.

¹⁵ Listed as synonyms of *Chariessa* by Wolcott in litt.

MELOIDÆ²¹

Nemognathinæ

ZONITINI

Zonitis Fabr. 75-126²¹
 (Nemognatha Ill. 07-333)²¹
 (Nematognatha Gemm. & Har. [70-2163]²¹
 apicalis Lec. 53-345 B.C. Cal. Ariz.
 bicolor Walk. 66-331²¹
 walkeri Beaur. 89-212²¹
 arizonica VanD. 29-132
 atripennis Say 23-306 Ark. N.M.
 bilineata Say 17-22 Conn.-Minn.
 lineata Melsh. 46-53²¹
 mandibularis Melsh. 46-53²¹
 bridwelli Wellm. 12-38 Cal.
 calceolata Guer. 29-136 N.A.
 californica Wickh. 05-171 Cal.
 cibraria Lec. 53-348 M.W.St.
 cibricollis Lec. 53-348 Ind.-Tex.-Ariz.
 fuscipennis Lec. 53-349²¹
 porosa Lec. 53-349²¹
 dichroa Lec. 53-346 Mont. Or. Cal. ?Ar.
 dubia Lec. 53-346 Cal. Ore.
 dunniana Csy. 91-170 Tex.
 flavida Lec. 53-349 N.M. Cal.
 immaculata Say 17-22 Kan. Colo. N.M.
 [Ariz.
 longicornis Horn 70-93 Ill. Fla.
 lurida Lec. 53-345 Mex. Kan. Ar. Ore.
 decipiens Lec. 53-347²¹
 rufa Duges 89-111²¹
 lutea Lec. 53-346 Kan. Ariz. Cal.
 pallens Lec. 53-346²¹
 martini Fall 07-257 N.Mex.
 nemorensis Hentz 30-258 Fla.-Ind.
 bimaculata Melsh. 46-54²¹
 ruficollis Beaur. 90-474²¹
 nigra Lec. 53-346 "Benicia"
 nigripennis Lec. 53-347 N.M. Cal.
 perforata Csy. 91-170 Tex.
 plezata Fab. 94-104 Mex. Fla.-Ariz.-
 vittata Fab. 01-24²¹ [Mont.
 texana Lec. 53-347²¹
 v.bicolor Lec. 53-345 Kan. Colo.
 discolor Lec. 58-77²¹ [Tex.
 stellaris Beaur. 90-465²¹
 ?v.pallata Lec. 53-346²¹ L.Sup. Mont.
 punctipennis Lec. 80-214 Ariz.
 punctulata Lec. 53-347 Ga.
 v.flavipennis Uhler 55-418²¹ Va. Ind.
 rufa Lec. 54-85 Tex. Mex.
 rubra Duges 70-166²¹
 schaefferi Blatch. 22-28 Fla.
 scutellaris Lec. 53-347 Cal. Utah
 sparsa Lec. 68-53 Colo. N.M.
 sulcicollis Blatch. 10-1357 Ind.

²¹ Revision of entire family by Denier—35. A few of our species are not mentioned, and the genus *Pyrota* is from Denier—34 where it was more completely treated. Other additions follow this revision.

vermiculata Schffr. 05-138 Utah
 vigilans Fall 07-257 Cal.
 vittigera Lec. 53-348 Ind.-Tex.-Ariz.
 vittipennis Horn 75-155 Ariz.
 zonitoides Duges 89-110 Mx. Guat. Tex.

Gnathium Kby. 18-425²¹
 francilloni Kby. 18-426 Mex. Tex. Ga.
 flavigolle Lec. 58-23²¹
 longicolle Lec. 58-77 Tex.
 minimum Say 23-306 Mx. Kan.-Ark.-Ar.
 walckenari Cast. 40-281²¹
 nitidum Horn 70-95 Mex. Cal. Ariz.
 texanum Horn 70-94 Tex. Ariz.

SITARINI²¹

Tricrania Lec. 60-320²¹
 (Horia Lec. 62-270)²¹
 murrayi Lec. 60-320 Ore.
 sanguinipennis Say 23-279 Conn.-Ind.

Tricranoides Wellm. 10-219²¹
 stansburyi Hald. 52-377 Utah

HORNIINI²¹

Hornia Riley 77-564²¹
 minutipennis Riley 77-564 Mo.
 Leonidea Ckll. 00-11²¹
 (Leonia Duges 89-211)²¹
 anthophoræ Mickel 28-38 Colo.
 neomexicana Ckll. 99-416 N.M. Kan.
 gigantea Wellm. 11-16²¹

HORIINI²¹

Cissites Latr. 04-154²¹
 (Horia Fabr. 87-164, part)²¹
 auriculata Champ. 92-372 C.A. Mex. Ar.
 maculata || Lec. & Horn 83-417²¹

Meloinæ²¹

EPICAUTINI

Epicauta Redt. 45-621²¹
 (Isopentra Muls. 58-106)²¹
 (Apterospasta Lec. 62-272)¹²
 (Macrobasis Lec. 62-272)²¹
 abadona Skinner 04-217 Ariz.
 alastor Skinner 04-217 Ariz.
 albida Say 23-305 Mex. Kan. Colo.
 luteicornis Lec. 54-84²¹
 albonotata Duges 77-64 Mex. Ariz.
 duplicata Csy. 91-172²¹
 alphonssi Horn 74-38 Cal.
 atrivittata Lec. 54-224 Tex.-Ariz.
 batesi Horn 75-153 Ga.
 borrei Duges 81-145 Mex. ?U.S.
 fumosa || Haag 80-40²¹
 fumea Champ. 99-178²¹

callosa Lec. 66-158 Dak.-Tex.
 cavigeeps Horn 73-99 Ariz.
 cinerea Forster 71-62 M.St. Ind. Conn.
fimbriata Thunb. 91-109 ²¹
elephantis Woodh. 00-213 ²¹
v. marginata Fabr. 75-260 ²¹ Conn. Ind.
 corvina Lec. 58-21 Mex. Colo. Ariz.
nigerrima Duges 70-162 ²¹
 excors Fall 09-166 L.Cal.
 fallax Horn 85-111 Cal.
 ferruginea Say 24-298 Can.-N.M. Ariz.
tsartorii Haag 80-56 ²¹ Mex.
 fissilabris Lec. 50-232 L.Sup. H.B.T.
 flavocinerea Blatch. 10-1359 Ind.
 foxi VanD. 29-127 Cal.
 funebris Horn 73-102 Tex.
 gissleri Horn 78-58 N.M.
 heterodera Horn 91-43 Fla.
 immaculata Say 23-301 Ind.-Col.-Tex.-
articulata Say 23-301 ²¹ [Ariz.
fulvescens Lec. 53-447 ²¹
impressifrons VanD. 28-262 Cal.
ingrata Fall 07-258 N.M.
insignis Horn 85-110 Ariz.
languida Horn 95-252 L.Cal.
lauta Horn 85-108 Ariz.
lemniscata Fabr. 01-279 Fla.-Kan.
vittata Duges 86-582 ²¹ Mex.
dugesi Beaur. 89-cxxiii ²¹
levettei Csy. 91-171 Colo.
linearis Lec. 58-23 Tex.
maculata Say 23-298 Ill.-Ore.-N.M.
v.conspersa Lec. 53-340 ²¹
punctuata Duges 70-161 ²¹ Mex.
maura Lec. 51-162 Cal.
merkeliana Horn 91-43 Ariz.
nigra Duges 70-161 Mex. U.S.
funebris Horn 73-102 ²¹
melanochroa Wellm. 10-24 ²¹
nigritarsis Lec. 53-340 Tex.
oblita Lec. 51-162 Cal. Ore.
ochrea Lec. 53-342 Tex. Ariz.
protarsalis Duges 77-63 ²¹ Mex.
oregona Horn 75-153 Ore.
pardalis Lec. 66-157 Ariz. Tex.
pedalis Lec. 66-157 L.Cal. Tex.
pennsylvanica DeG. 75-15 Can.-Car.-
atrata Fabr. 75-260 ²¹ [Tex.
nigra Woodh. 00-213 ²¹
coracina Ill. 04-171 ²¹
morio Lec. 53-447 ²¹
potosina Duges 89-89 ²¹ Mex.
pruinosa Lec. 66-158 Kan.-Utah
puncticollis Mannh. 43-258 Cal. Or. Ida.
purpurea Horn 85-108 Mex. Ariz.
purpureipennis Champ. 99-186 ²¹
rileyi Horn 74-37 Ariz.
ruidosana Fall 07-258 N.Mex.
sanguinicollis Lec. 53-344 Fla.
segmentata Say 23-303 La.-Ariz. Mont.
valida Lec. 58-39 ²¹
cinetithorax Duges 89-56 ²¹ Mex.
sericans Lec. 66-158 Kan.-Ariz. Ore.
fimmerita Walk. 66-330 ²¹
straba Horn 91-42 Cal.

strigosa Gyll. 17-18 Pa.-Fla.
nigricornis Melsh. 48-53 ²¹
ferruginea Lec. 53-341 ²¹
stuarti Lec. 68-54 N.M. Kan. Colo.
subglabra Fall 22-173 Alb. Sask.
tenella Lec. 58-23 Tex. Ariz.
tenuelineata Horn 94-436 L.Cal. Ariz.
tenuis Lec. 53-343 Ga. Fla.
torsa Lec. 53-343 Tex. Mass. Ind.
trichrus Pall. 98-100 Can.-Pa.-Tex.
convolvuli Melsh. 48-53
trichura Wellm. 10-24.
v. atrata Melsh. 47-53 ²¹
unicolor Kby. 37-241 Can.-Ga.-Ind.-Ariz.
cinerea Fabr. 98-119 ²¹
fabricii Lec. 53-343 ²¹
?debilis Lec. 53-344 ²¹
?murina Lec. 53-344 ²¹ L.Sup.
virgulata Lec. 66-156 L.Cal.
vittata Fabr. 75-260 Can.-Ct.-Ia.
chapmani Woodh. 00-214 ²¹
watsoni Blatch. 18-58 Fla.
wheeleri Ulke 75-812 Ariz.

Pleuropompha Lec. 62-273 ²¹
costata Lec. 54-84 Tex.

Gnathospasta Horn 75-154 ²¹
mimetica Horn 75-154 Tex.

Henous Hald. 52-377 ²¹
(Nomaspis Lec. 66-156 ²¹
confertus Say 23-281 Mo. Tex.
technus Hald. 52-377 ²¹
parvulus Hald. 52-377 Ut. N.M.

LYTTINI ²¹

Lytta Fabr. 75-260 ²¹
(Cantharis Geoff. 62-339) ²¹
(Tetraolytta Pic. 19-3) ²¹
(Picella Denier 34-?) ²¹
aeneipennis Lec. 51-160 Cal.
agrestis Fall 01-302 Ariz.
arborea Wellm. 12-34 Cal.
auriculata Horn 70-91 Cal. L.Cal.
biguttata Lec. 53-332 Ariz. Mont.
v.bivirgata Duges 77-140 ²¹ Mex.
alfredi Duges 89-98 ²¹
blaisdelli Fall 09-166 Cal.
childi Lec. 57-52 Cal. L.Cal.
chloris Fall 01-303 Cal.
compressicornis Horn 70-91 Cal.
convexa Lec. 53-336 Tex. Colo.
cribrata Lec. 53-447 Tex.
crotchi Horn 74-38 Cal.
cyanipennis Lec. 51-160 Ut.-Or. Can.
salicis Lec. 51-161 ²¹
deserticola Horn 70-90 Ariz. N.M.
difficilis Fall 01-303 Cal.
eucera Chevr. 34-56 Mex. Tex.
spectabilis Cast. 40-273 ²¹
fulvipennis Lec. 53-331 Colo. Tex.
cardinalis Lec. 53-447 ²¹
funerea Fall 01-301 Cal.

hoppingi Wellm. 12-35
 incommoda Horn 83-312
 nunenmacheri Wellm. 12-36 ²¹
 infidelis Fall 01-303 Wash.-Cal.
 insperata Horn 74-39 Cal.
 lecontei Heyden 90-99 Mex. Tex.
 dichroa || Lec. 53-332 ²¹
 lugens Lec. 51-161 Cal.
 maculicollis VanD. 29-130 Cal.
 magister Horn 70-90 Cal. Ariz.
 melæna Lec. 58-76 Ariz. Cal. L.Cal.
 mœrens Lec. 51-216 Cal.
 molesta Horn 85-111 Cal.
 morosa Fall 01-301 Cal.
 mutilata Horn 75-155 Mex. Ariz.
 nigrocyanæa VanD. 29-129 Colo.
 nitidicollis Lec. 51-160 Cal. L.Cal.
 nuttalli Say 23-300 Kan. Colo.
 fulgifera Lec. 49-90 ²¹ [Mont.
 occipitalis Horn 83-312 Cal.
 pilsbryi Skinner 06-217 Tex.
 puberula Lec. 66-162 Ariz. Colo.
 variabilis Horn 85-107 ²¹ Mex.
 purpurascens Fall 01-302 Cal.
 quadrimaculata Chevr. 34-79 C.A. Tex.
 rathvoni Lec. 53-335 Cal.
 refulgens Horn 70-91 Cal.
 reticulata Say 23-305 Kan. Colo. N.M.
 sphæricollis Say 23-299 Kan.-Wash.
 chalybea Lec. 51-160 ²¹
 chalybea Gemm. 70-124 ²¹
 stolida Fall 01-302 Cal.
 tenebrosa Lec. 51-160 Cal.
 ulkei Beaur. 89-212 Nev. Cal.
 lugubris Ulke 75-812 ²¹
 viridana Lec. 66-162 Kan.-Man.
 vulnerata Lec. 51-159 Cal. Nev. Ore.
 angulicollis Duges 89-105 ²¹ Mex.
 v. cooperi Lec. 54-18 ²¹ Cal.-Wash.-Ida.

Tetraonyx Latr. 05-204 ²¹
 (*Jodema* Pasc. 62-57) ²¹
 albipilosa VanD. 29-127 Tex.
 dubiosus Horn 94-440 L.Cal.
 frontalis Chevr. 33-14 Mex. Tex.
 v.femoralis Duges 70-104 ²¹
 [Mex. Ariz.

Pyrota Dej. 33-224 ²¹ ²²
 akhurstiana Horn 91-42 Ariz. N.M. Mex.
 bilineata Horn 85-115
 [Colo. Ariz. N.M. Tex.
 concinna Csy. 91-174 Tex.
 dakotana Wickh. 03-73 S.Dak.
 discoidea Lec. 53-338 Tex.
 dispar Germ. 24-171 S.A.
 v.brunneipennis Denier 34-60 ²²
 dispar Germ. 24-171 ²² U.S.
 divirgata Vill. & Pen. 67-15 Tex. Mex.
 nigrovittata Haag 80-51 ²²
 virgata Schffr. 05-177 ²²

Meloe Linn. 58-419 ²¹
 polita Horn 67-139 Cal.
 sublaevis Horn 67-140 Cal.

Poreospasta Horn 67-139 ²¹
 polita Horn 67-139 Cal.
 sublaevis Horn 67-140 Cal.

Meloe Linn. 58-419 ²¹
 TREIODONS Duges 70-102 ²¹
 barbarus Lec. 61-354 Is. off Cal.
 laevis Leach 15-249 W.I. C.A. Mex.
 cordillerae Chevr. 29-133 [N.M.
 sublaevis Lec. 54-84 ²¹ [Ariz.
 tridentatus Jimenez 66-225 ²¹
 tucci Pen. & Barr. 66-11 ²¹
 opacus Mots. 73-48 ²¹
 PROSCARABÆUS Schrank 81-
 [225 ²¹
 (*Cnemocera* Thoms. 59-124) ²¹
 afer Bland 64-70 Neb.
 americanus Leach 15-251 Ga. Ind. Can.
 s.occidentalis VanD. 28-422 ²¹
 [Id. Colo. Alb.
 angusticollis Say 23-380 Can. Pa. Ind.
 rugipennis Lec. 53-328 ²¹
 californicus VanD. 28-426 Cal. Wash.
 carbonaceus Lec. 66-155 Neb.
 franciscanus VanD. 28-437 Cal. Nev.

²² This genus is generally credited to Leconte (1862) but was amply validated by Dejean in 1833.

CEBRIONIDÆ

Cebario

convexifrons Knull 35-189 Okla.

22 *Hannover 35*

²³ Transferred from Melandryide, Hopping—35.

TRANSCRIBED IN

Valid species. Blaisdell 36.

PLASTOCERIDÆ²⁷

Plastocerus

maclayi Sloop 35-17
pullus Sloop 35-18

Cal.
Cal.

Euthysanius

brevis Sloop 35-19

Cal.

ELATERIDÆ

Adelocera

mexicana Cand. 57-70¹
nobilis Fall 32-58¹
mexicana of Lec.¹

Fla. Mex.
Ariz.

Conoderus Esch. 29-31

(*Monocrepidius* Esch. 29-31)²
HETERODERES Latr. 34-155¹
suturalis Lec. 53-482¹
fuscous Blatch. 25-163
fuscous of VanDyke¹
planidiscus Fall 29-56¹

* * *

exsul Shp. 77-470³ N.Zeal. Hawaii, Cal.
rudis Brown 33-174
browni Knoll 38-19
perversus Brown 33-173

Ala.
Tex.
Fla.

Aeolus

melillus Say⁴
elegans of authors⁴
dorsalis || Say 23-167⁴
s. comis Lec. 53-484⁴
s. marginicollis Horn 71-308⁴

[Sask. Man. Ore.

(*elegans* Fabr., not North American)⁴
(*circumscriptus* Germ., not N. Amer.)⁴

Limonius

canus Lec. 53-433 (Pheletus)¹
discoideus Lec. 61-348¹
[Wash. Cal. Rky.Mts.
ovatus Knoll 34-9
griseus Beauv. 05-214⁴
interstitialis Melsh. 46-215⁴
rudis Brown 33-175
rectangularis Fall 34-30
flavomarginatus Knoll 38-20
pilosulus Cand. 91-149⁵
pilosus || Lec. 53-432¹
aeger Lec. 53-431
knalli Fall 33-229¹

Cal.
Tex.
Ohio
Cal.
Mots.
N.B.-Alb.-Pa.

Ont. Ind.
Cal.
Cal.
Cal.

²⁷ Reduced to subfamily of Elateridæ by Sloop
—35.

¹ Fall—34.

² Used as valid by Fall—34.

³ Graves—38.

⁴ Brown—33.

⁵ As distinct species, Fall—34.

basilaris Say 23-172 E.U.S. Fla. Mo.
v.semieneus Lec. 53-432¹ Ga. Fla.
insperatus Brown 33-175 Cal.
sinuifrons Fall 07-227 N.Mex.
ovatus Knoll 34-9¹
ectypus Say 39-167⁵ Pa. Me.
agonus Say 39-171⁵ Pa.

Elathous

brevicornis Fall 34-30 Cal.
brunnellus Fall 34-31 Cal.

Athous

rufiventris Esch. 22-71
ferruginosus Esch. 29-33⁶
paradisus Knoll 34-10 Ariz.

Ludius

ochreipennis Lec. 63-85⁷
[B.C. Y.T. N.W.T.
watsoni Brown 36-179⁷ Que.
hoppingi Vand. 33-434⁷
[B.C. Wash. Y.T.
bipunctatus Brown 36-180⁷ B.C. Alb.
exclamationis Fall 10-135⁷ Cal.
hieroglyphicus Say 39-172⁷ N.H.-Pa.
bicinctus Cand.⁷ [Que.-Man.
ctenicerus G. & H. 69-1577⁷
pudicus Brown 36-183⁷ B.C. Alb.
propola Lec. 53-437⁷
s.propola (s.str.)⁷ N.S.-L.Sup.
furcifer Lec. 53-438⁷
s.columbianus Brown 36-185⁷ B.C.
pallidipes Brown 36-185⁷ Cal.
californicus Brown 36-186⁷ Cal.
nubilis || Lec. 53-438⁷
candidus Brown 36-186⁷ Cal.

* * *

cribrosus Lec. 53-443⁵⁸ Cal.
colossus Lec. 61-348⁵⁸ Cal.
maurus Lec. 53-444⁵⁸ Cal.-B.C.
æthiops Hbst. 06-70⁸ Md. Tenn.

nigrans Cast. 40-241⁸

depressus G. & H. 69-1574⁸

?signaticollis Melsh. 46-216⁸

?subhecanaliculatus Mots. 59-375⁸

?rufipes Mots. 59-377⁸

* * *

spinosus Lec. 53-447⁹ Newf.-Ont.
stricklandi Brown 35-219⁹ Ont.-Alb.
crestonensis Brown 35-219⁹ B.C. Ida.
umbricola Esch. 29-34⁹ Alas. B.C.
rudis Mots. 59-376⁹
varius Brown 35-220⁹ Wash.
volitans Esch. 29-34⁹ Alas. B.C.
vulneratus Lec. 63-86⁹ N.S.-N.C.

* * *

⁶ Van Dyke in litt.

⁷ Revision of propola-group, Brown—36.

⁸ Revision of cribrosus-group, Brown—35.

⁹ Revision of the volitans-group, Brown—35.

triundatus Rand. 38-12¹⁰
 [N.B.-N.H.-B.C.
nebraskensis Bland 63-355¹⁰ B.C. Mont.
tigrinus Fall 01-306¹⁰ Cal.
trigrimus Brown 36-107

* * *

medianus Germ. 43-71¹¹ N.S.-L.Sup.-
rubidipennis Lec. 53-437¹¹ [Mass.
bombycinus Germ. 43-70¹¹
 (Ore. B.C. Alb.
fallax Say 39-605¹¹ Que. L.Sup.
viduus Brown 36-103¹¹ B.C.
semiluteus Lec. 53-445¹¹ Cal.
mirabilis Fall 01-306¹¹ Cal.
?elegans Cand. 82-97¹¹⁻¹² Cal.
candezei Leng 18-205¹¹⁻¹²

(*sericus* Gelb., not North American)¹¹
 (*tessellatus* Linn., not No. American)¹¹

* * *

splendens Zieg. 44-44¹⁴ Que. Ont. Mass.
metallicus G. & H. 69-1580¹⁴ [Pa.
æripennis Kby. 37-150¹²⁻¹⁴
s.æripennis (s.str.)¹⁴ Alas.-Wash.-
tinctus Lec. 59-85¹²⁻¹⁴ [Wyo.-
elegans of Schw. 07-225¹²⁻¹⁴ [NWT
s.destructor Brown 35-129¹⁴⁻¹⁵
 (Alas.-N.D.
montanus Brown 35-129¹⁴ B.C.-Ore.
appropinquans Rand. 38-5¹⁴

[N.S.-Me.-Wis.
darlingtoni Brown 35-131¹⁴ N.H. Me.
semimetallicus Walk. 66-325¹⁴
 (B.C.-Ida.-Alb.
carbo Lec. 53-439¹⁴ Ore.-Colo.-Mont.
lateralis Lec. 53-439¹⁴ B.C. Ore.
imitans Brown 35-134¹⁴ Cal.
pruininus Horn 71-320¹⁴ Cal.-B.C.-Neb.
pruinosus Schw. 07-226¹⁴

pruinosulus Schw. 07-316¹⁴
noxius Hyslop 14-69¹⁴
?confluens Gebl. 30-80¹⁴ Asia, Alas.
?quadrivittatus Walk. 66-325¹⁴ B.C.

* * *

nitidulus Lec. 53-439¹⁶ N.S.-Alb.
rufopleuralis Fall 34-188¹⁶
 (N.E.-Mass.-Man.
aratus Lec. 53-438¹⁶ N.S.-L.Sup.
 (*nigricornis* Panz., not No. Amer.)¹⁶

* * *

inflatus Say 25-392¹⁷ Que.-S.C.-Ind.
metallicus Say 25-392¹⁷
glaucus Germ. 43-76¹⁷ B.C.-Cal.-Ut.
stimillimus Mots. 59-374¹⁷

* * *

¹⁰ Revision of the *triundatus*-group Brown—36.
¹¹ Revision of the *fallax*-group, Brown—36.
¹² See end of genus for corrected synonymy.
¹³ Schenckling 27.
¹⁴ Revision of the *æripennis*-group, Brown—35.
¹⁵ Brown—36.
¹⁶ Revision of the *nitidulus*-group, Brown—36.
¹⁷ Revision of the *inflatus*-group, Brown—36.

callidus Brown 36-135¹⁷ B.C. Ida.
inutilis Brown 36-136¹⁷ Cal.
cruciatus Linn. 58-404¹⁸ Eur. N.A.
s.pulcher Lec. 53-440¹⁸ N.S.-Ont.
s.festivus Lec. 57-46¹⁸ B.C.-Ore.-Man.

* * *

edwardsi Horn 71-324¹⁹
s.edwardsi (s.str.)¹⁹ Cal. Nev.
ater || VanD. 32-430¹⁹
suckleyi Lee. 57-46¹⁹
s.suckleyi (s.str.)¹⁹ B.C. Ore.
s.olympiae VanD. 32-431¹⁹ Wash.
s.morulus Lee. 63-85¹⁹ Alas.-Ore.
 (Y.T.-Alb.)
brunnipes Bland 64-67¹⁹
sexualis Brown 35-8¹⁹ Sask. Alb. Wyo.

* * *

semivittatus Say 23-113²⁰ Mo.-Dak.-
 (Colo.
blanditus Brown 36-13²⁰ Cal.
sexguttatus Brown 36-14²⁰ Ore.
trivittatus Lec. 53-443²⁰ Ga.-N.C.
deceptor Brown 36-16²⁰ Cal.
funereus Brown 36-16²⁰ B.C.
castanicolor Fall 34-34²⁰ N.Mex.
?oblongoguttatus Mots. 59-373²⁰ Cal.
?tristis Cand. 63-172²⁰ Vanc.Id.
?fusculus Lec. 63-48²⁰ Cal.
angustulus || Mots. 59-373²⁰

* * *

CORYMBITES Latr. 34-150²¹
kaweana Fall 37-31 Cal.
rufipennis || Fall 10-134²¹
conjugens Lec. 53-440¹ Cal.
prases Cand. 65-28 (Drasterius)¹
elegans Cand. 82-97²²
candezei Leng 18-205²²
æripennis Kby. 37-150²²
appropinquans Rand. 38-5²²
tinctus Lec. 59-85²²
semimetallicus Walk. 66-325²²
elegans Leng 20-170 (in error)²²
rufopleuralis Fall 34-188 Que.-Mass.

[Mich.
nigricans Fall 10-135²³ Cal.
rotundicollis Say 25-259²³ Vt. Pa. Ind.
diversicolor Esch. 29-34¹ [Cal.
castanicolor Fall 34-34 N.Mex.
Enanus Lec. 62-171¹
 (Paronomus || Kies. 63-303)¹
striatipennis Brown 36-248 B.C. Ore.
maculipennis Lec. 66-85²³ Lab. Can.
pictus Cand. 63-177¹
hatchi Lane 38-188 Wash.
estriatus Lec. 53-434
subarcticus Brown 30-163¹ Que.
decoratus Mannh. 53-434 Can.
particollis Mannh. 53-229²³ Lapland

¹⁷ Fall—34.

¹⁸ Revision of the *cruciatus*-group, Brown—35.

¹⁹ Revision of the *edwardsi*-group, Brown—35.

²⁰ Revision of the *semivittatus*-group, Brown—36.

²¹ Fall—37.

²² By compiler; see also Brown—33 and 35.

²³ Valid species, Fall—34.

Hypnoidus

CRYPTOHYPNUS Esch. 36-105
valens Fall 34-18

* * *

manki Fall 34-19

Mont.

Dalopius Esch. 29-34²⁴* (Dolopius of authors)²⁵

virginicus Brown 34-38
cognatus Brown 34-38 N.S.-Ont.-W.Va.
vagus Brown 34-66 N.B.-Man.-W.Va.
insolitus Brown 34-67 Ont. Que.
fuscipes Brown 34-68 Que.
pennsylvanicus Brown 34-68 Pa.
vernus Brown 34-69 Que.-Man.
brevicornis Brown 34-69 Que. Ont.
agnellus Brown 34-70 Que. N.B.
gentilis Brown 34-71 Ont. Que.
parvulus Brown 34-71 Sask. Man.
pallidus Brown 34-87 N.B.-Alb.
gartrelli Brown 34-89 B.C.
luteolus Brown 34-89 Cal.
corvinus Brown 34-90 B.C.
usitatus Brown 34-90 Cal.
insolens Brown 34-91 B.C.
asselus Brown 34-91 B.C. Alb.
jucundus Brown 34-92 Cal.
gracilis Brown 34-92 Cal.
tularensis Brown 34-93 Cal.
dentatus Brown 34-94 Cal.
inordinatus Brown 34-94 Alb.
mirabilis Brown 34-95 Que.-Alb.
plutonicus Brown 34-95 Cal.
incomptus Brown 34-96 Cal.
luteolentus Brown 34-96 Cal.
validus Brown 34-102 Cal.
spretus Brown 34-103 B.C.
vetulus Brown 34-103 Cal.
partitus Brown 34-104 Cal.
effetus Brown 34-104 Cal.
suspectus Brown 34-104 B.C.
fucatus Brown 34-105 B.C.
tristis Brown 34-105 B.C.
manipularis Brown 34-107 Cal.
ignobilis Brown 34-107 Cal.
improvidus Brown 34-108 Cal.
insulanus Brown 34-108 B.C.
invidiosus Brown 34-109 Cal.
maritimus Brown 34-109 B.C.
mutabilis Brown 34-110 Cal.
?californicus Mann. 43-243²⁴ Cal.
lateralis || Esch. 29-34²⁴

pauperatus Cand. 63-434 (Sericoso-

[mus²⁴]
?sellatus Mannh. 52-328²⁴ Alaska
?pauper Lec. 53-458²⁴ Atl. N.A.
?subustus Lec. 53-458²⁴ Cal.
?macer Lec. 57-47 (Agriotes)²⁴ Ore.
?simplex Mots. 59-378²⁴ Cal.
?sericatus Mots. 59-379²⁴ Cal.
?nevadensis Lec. 84-17 (Agriotes)²⁴

Agriotes

tardus Brown 33-177 Alb. B.C.
quebecensis Brown 33-177 N.C.-Ont. Me.
opaculus Lec. 59-85 Cal. Id. Wyo.
montanus Lec. 84-18¹⁵
arcanus Brown 33-178^{25 26}
isabellinus Melsh. 46-218²⁵ Pa.
oblongicollis Melsh. 46-218²⁵ M.St. Ct.
[Ind.]

Agriotella Brown 33-179

bigeminata Rand. 38-37²⁷ N.S.-Ont.
[Mass.]
occidentalis Brown 33-180 B.C. Alb.
californica Schffr. 17-42²⁷ Cal.
columbiana Brown 33-182 B.C. Cal.

Drasterius²⁸

dorsalis Say 23-167¹⁵ N.A.
comis Lec. 53-484²⁸ N.A.
livens Lec. 53-484²⁸ Cal. Mex.
amabilis Lec. 53-485²⁸ M.St. S.St.
fretus Csy. 85-171²⁸
nigriventris Schffr. 17-41²⁸ Tex.
scutellatus Schffr. 17-41²⁸ Tex.
debilis Lec. 78-405 Fla.
incongruus Fall 34-12²⁹ Que.

Ampedus Germ. 44-153

(Elater of authors)³⁰
obscurus Knoll 38-97 Nev.
varipilis Vand. 32-306 Cal.
s.columbianus Brown 33-136 B.C.
[VanId.]
quebecensis Brown 33-137 Que.
evansi Brown 33-137 N.E.-Ont.
areolatus Say 23-167 Ont.
pusio Germ. (not Lec. or Cand.)³¹
luteolus Lec. 53-471 Ont. N.C.
pusio Lec. and Cand. (Elater)³¹
melanotooides Brown 33-134 Ont. Pa.
laurentinus Brown 33-135 Que. Ont.

Blauta

falli Brown 36-251 Fla.

Megapenthes

solitarius Fall 34-15³² N.Y.
granulosus Melsh. 44-159³³ Fla.-Conn.
(sturmii Germ., not North American)³³
dolosus Brown 33-140 Cal.
stigmatus Lec. 53-472³¹ N.B.-B.C.
caprella Lec. 57-47³¹ Ore. B.C.
s.californicus Brown 33-140 Cal.

²⁵ Valid species, Brown—36.²⁶ As synonym of isabellinus, Fall—34.²⁷ Transferred to new genus from Betarmon, Brown—33.²⁸ These species belong here with some others, Fall—34.²⁹ Fall—34.³⁰ Implied by Knoll 38 and Brown 33.³¹ Brown—33.³² Neither this species, lepidus Lec. tarsalis Schffr., nor illinoiensis Vand. belong in this genus, Fall—34.³³ Valid species, Fall—34.

Anchastus

fumicollis Fall 34-17
longulus Lec. 78-404³³
unicus Knull 38-98
subdepressus Fall 34-18

Fla.
Fla.
Tex.
Ariz.

uvalensis Knull 36-73
yumaæ Knull 37-301
adenostomæ Cazier 38-137
nigrovittata VanD. 34-61¹
simulata VanD. 37-108
mariposa

Tex.
Ariz.
Cal.
Cal.
Cal.

Melanotus

longulus Lec. 53-473³⁴
oregonensis Lec. 53-480³⁴ Cal.-B.C.-Ut.
franciscanus VanD. 32-332³⁴
variolatus Lec. 61-377³⁴

Cal.
Cal.-B.C.-Ut.
Cal.
Cal.

s.bernardino VanD. 37-109
papagonis Duncan 34-231
vanduzeei VanD. 34-64
varipilis VanD. 34-62 G. of Cal. Tex.
vulturei Knull 38-228
constricticollis Knull 37-301
biedermannæ Skinner 03-239⁷
lineipicta Fall 31-81¹
sabinaæ Knull 37-15
rossi Cazier 37-115
humeralis Cazier 38-12
jaguarina Knull 38-135
mimicata Knull 38-136

Cal.
Ariz.
L.Cal.
[Ariz.
Cal.
Ariz.
Ariz.
Ariz.
Cal.
Cal.
Cal.
Ariz.
Ariz.

Horistonotus

pallidus Fall 34-21
fidelis Fall 34-21
s.fuscus Fall 34-22

Cal.
Cal. Nev.
Ariz.

constricticollis Knull 37-301
biedermannæ Skinner 03-239⁷
lineipicta Fall 31-81¹
sabinaæ Knull 37-15
rossi Cazier 37-115
humeralis Cazier 38-12
jaguarina Knull 38-135
mimicata Knull 38-136

Cal.
Ariz.
Ariz.
Ariz.
Cal.
Cal.
Ariz.
Ariz.

Esthesopus

flavidus Fall 01-240 (Horistonotus)²⁹
indistinctus Fall 34-23

[Cal.
Cal.

MELASIDÆ**Melasis**

rufipalpis Chevr. 35-193³⁵ Guat. Mex.
[Ariz.

Tyndaris
* balli Knull 37-302 Ariz.

Paratyndaris Fisher 19-92⁹

* (Tyndaris of authors)¹⁹
anomalis Knull 37-252⁹
tucsoni Knull 38-21 Ariz.
albofasciata Knull 37-253⁹
barberi Skinn. 03-238⁹ Nev. Ariz.
cincta Horn 85-147⁹ Tex.
acaciæ Knull 37-254⁹ Tex. N.M.
olneyæ Skinn. 03-236⁹ Nev. Ariz.
prosopis Skinn. 03-237⁹ Tex.
coursetiæ Fisher 19-93⁹ Ariz.
quadrinotata Knull 38-22 Ariz.
chamæleonis Skinn. 03-237⁹ Tex.
suturalis Fall 34-193⁹ Fla.

BUPRESTIDÆ**Chrysophana**

placida
a.cœrulans Obenb. 24-100¹
v.strandi Obenb. 36-106 Cal.
v.cupriola VanD. 37-105 Cal.
s.conicola VanD. 37-105 Cal.

Thrinopyge

alacris
v.strandi Obenb. 36-104 Tex.

Ageocera

gigas Cast. & Gory 39-2¹¹ Mex. Ariz.

Hippomelas

pacificæ Chamb. 38-446
9313, for 76-288 read 83-288⁴ Cal.

Texania

strandi Obenb. 36-109 U.S.A.¹³

Psiloptera

riograndei Knull 37-16 Tex.

¹ Fall 34.

² Valid species, Fall 34.

³³ Revision of California species, Fall—34.

³⁴ Fall 33.

¹ Obenberger—36.

² Van Dyke—37.

³ Revision of genus, Chamberlin—33.

⁴ Chamberlin in litt.

⁵ Valid species or variety, Duncan—34.

⁷ Possibly a synonym of lineipicta, Fall—34.

⁹ Cited as distinct species, Fall in litt.

¹¹ Listed as a synonym of biedermannæ, Van Dyke—34.

¹² Revision of genus, Knull—37.

¹³ Obenberger—Col. Cat. p. 84.

¹¹ Fall—34.

¹² "U.S.A.: Fort Madison." Obenberger—36.

Dicerca

9333, for 23-13 read 23-163⁴
hesperoborealis Hatch & Beer 38-151
 [Wash.
tenebrica Kby. 37-155
prolongata Lec. 59-194⁸
sexualis Cr. 73-87 Cal.-Wash.
californica Cr. 73-87⁸¹³
obscura Fab. 81-274
mutica Lec. 59-196⁸

Hesperorhipis

(*Hesperorhipis* of 2nd suppl. p. 29)¹⁴
mirabilis Knull 37-303 Ariz.
hyperbolus Knull 38-137 Ariz.

Buprestis

intricata Csy. 09-118¹⁵ Cal.
maculativentris Say. 24-272
v. subornata Lec. 59-208¹⁶
rusticum Kby. 37-151¹⁵ B.C.-Cal.-Ar.
nuttalli Kby. 37-152
alternans Lec. 59-207¹⁸
consularis Gory 40-120¹⁶
langi Mannh. 43-237¹⁵ Alas.-Ore.
murrayanae R.Hopp. 34-174
contorta || R.Hopp. 33-84¹⁶¹⁷

Xenorhipis

osborni Knull 36-73 Tex.

Melanophila Esch. 29-9¹⁸

* **MELANOPHILA** (s.str.)¹⁸
consputa Lec. 57-44¹⁶ Cal. Ariz.
monochroa Obenb. 28-209¹⁸
isolata Obenb. 28-209¹⁶
notata Cast. 37-4¹⁸ Fla.-Mex.-M.St.
luteosignata Mannh. 37-70¹⁸ [Cuba
s.elegans Sloop 37-7 Ariz.
opaca Lec. 59-213¹⁸ Fla. Ga.
notata Cr. 73-89¹⁶
acuminata DeG. 74-133¹⁸ No. Holarctic
acuta Gmel. 88-1939¹⁸
morio Fabr. 92-210¹⁶
appendiculata Fabr. 92-210¹⁸
peccioi Cast. & Gory. 37-33¹⁹
longipes Say 23-164¹⁶
immaculata Mannh. 37-70¹⁸
occidentalis Obenb. 28-209¹⁸ Cal.
atropurpurea Say 36-213¹⁶ Ariz.-Ut.-
 [Ark.
PHENOPS Lac. 57-47¹⁸
obtusa Horn 82-106¹⁸ Ga.
intrusa Horn 82-105¹⁶ Pac.Cst.
æneola Melsh. 46-146¹⁸ E.&M.&S.Sts.
metallica Melsh. 46-146¹⁸
carolina Manee 13-164¹⁸ N.C.

¹³ This synonymy conflicts with that given by Obenberger—Col. Cat. p. 111.

¹⁴ Fall in litt.

¹⁵ Distinct species, R.Hopping—33.

¹⁶ R.Hopping—33.

¹⁷ Casey's name was spelled *contorta* and might therefore be considered not to invalidate *contorta* of Hopping.

¹⁸ Revision of genus, Sloop—37.

drummondi Kby. 37-159¹⁶ Cal.-Wash.
v.abies Champl. & Kn. 23-105 N.B.¹⁸
abietis Obenb. 30-441¹⁸
gentilis Lec. 63-42¹⁶ Pac.Cst.
prasina Lec. 60-254¹⁸
pini-edulis Burke 08-117¹⁸ Colo. Ut.
 [Ariz.
fulvoguttata Harris 29-2¹⁶ N.E.N.A.
octospilota Cast. & Gory 37-4¹⁸
croceosignata Cast. & Gory 37-5¹⁸
decorata Cast. & Gory 37-5¹⁸
guttulata Hamilt. 89-138¹⁸
cauta Dej. 33-89¹⁸
drummondi Kby. 37-159¹⁶ Ore.-Ariz.
umbellaterrum Kby. 37-159¹⁸
guttulata Mannh. 53-221¹⁶
a. tristicula Obenb. 28-209¹⁸
?lecontei Obenb. 28-210¹⁸ Cal.
arcuata Fall 31-83¹⁶ Ariz.
XENOMELANOPHILA Sloop
 [37-18
miranda Lec. 54-83¹⁶ N.Mex.

Anthaxia

viridifrons
californica VanD. 18-54¹⁶ Cal.
a.basicyanea Obenb. 36-134 N.J. Pa.
a.embrikaria Obenb. 36-134 Can.-
 [N.J.-Ind.
vandykeana Obenb. 36-135 Cal.
embrik-strandella Obenb. 36-135 Cal.
serripennis Obenb. 36-136 Iowa
quercata
a.floridana Obenb. 36-134 Fla.
cyanella
a.rossi Obenb. 36-134 Ky. Pa.

Chrysobothris

atrifasciata Lec. 73-332
atrofasciata of Leng Cat. p. 182¹⁹
platti Cazier 38-14 Cal.
alleni Cazier 38-15 Ariz.
schaefferi Obenb. 34-649 L.Cal.
thoracica || Schaffr. 05-128²⁰
scotti Chamb. 38-11 N.Mex.
chiricahue Knull 37-37 Ariz.
kelloggi Knull 37-36 N.Mex.
iris VanD. 37-110 Utah
grandis Chamb. 38-14 Ore.
parapiuta Knull 38-138 Ariz.
arizonica Chamb. 38-13 Ariz.
oreogona Chamb. 34-38 Ore.
grindeliae VanD. 37-111 Cal.
canadensis Chamb. 34-37 Alb. Ore.
cupreohumeralis VanD. 34-65 Tex.
boharti VanD. 34-89 Cal.
acacie Knull 36-105 Tex.
 9472, for 86-108 read 86-101¹³
bisinuata Chamb. 38-13 Cal.
calcarata Chamb. 38-12 Ariz.
planomarginata Chamb. 38-10 Ore.
Knowltonia Fisher 35-117²¹
* *biramosa* Fisher 35-118 Utah

¹⁹ Chamberlin in litt.
²⁰ Obenberger—34.
²¹ Considered a synonym of *Chrysobothris* by Cazier—38.

Engyaulus Waterh. 89-50* *pulchellus* Bland 65-382 Colo. Ariz.*pinalicus* Wickh. 03-69 ²² [N.M.]**Agrilus**

santaritae Knoll 37-39
arizonicus Obenb. 36-139
strigicollis Fall 12-41 ¹
sapindii Knoll 38-139
shoemakeri Knoll 38-99
parkeri Knoll 35-189
neabditus Knoll 35-190
exhaustus Knoll 37-305
apachei Knoll 38-139
 9542, for 25-241 read 25-251 ¹⁹
cercidii Knoll 37-304
esperanzae Knoll 35-96
arizonus Knoll 34-11
osburni Knoll 37-38
viridescens Knoll 35-97
parapubescens Knoll 34-68
wenzeli Knoll 34-333
rubicola Abeille 97-4 ²³ Eur. E.N.A.

viridis of authors ²³
proximus Rey 91-19 ²³
obtusus Abeille 97-5 ²³
antiquus Gavoy 26-15 ²³
chrysoderes Bedel 21-204 ²³

fagi Glover 78-A33 ²³
politus Weiss 14-438 ²³

v. communis Obenb. 24-41 ²³ Eur. [E.N.A.]

neoprosopidus Knoll 38-99 Tex.
cavifrons Waterh. 89-189 ²⁴ Mex. Ariz.

Paragrilus Saund. 71-127 ²⁵

(*Clinocera* Deyr. 64-116)²⁵
 (*Rhabocelis* Lec. 63-82, part)²⁵
lesueuri Waterh. 89-126 ²⁵ S.A. C.A. [?Ariz.]
tenuis Lec. 63-82 N.Y.-Fla.-Ill.
texanus Schffr. 04-211 ²⁵ Tex.

Taphrocerus Sol. 33-314 ²⁶

* *howardi* Obenb. 34-42 Fla.
gracilis Say 25-253 ²⁶ E.U.S.-Ia.-Ariz.
alboguttatus Mannh. 37-120 ²⁶
cylindricollis Kerr 96-312 ²⁶
texanus Kerr. 96-312 ²⁶
nicolai Obenb. 24-55 ²⁶ N.Y. Mass.
albonotatus Elatch. 19-29 ²⁶ Fla.-N.C.
floridanus Obenb. 34-48 Fla.
laevicollis Lec. 78-403 ²⁶ Fla. Ala.
agrioides Cr. 73-96 ²⁶ Fla.-Tex.
puncticollis Schw. 78-363 ²⁶ Fla. Ala.

Mastogenius

subcyaneus
s.crenulatus Knoll 34-334 N.J.-Fla.-[La.]

¹ Obenberger—36.¹² Chamelin in litt.²² Obenberger—35.²² Obenberger—Col. Cat. p. 152.²⁴ Knoll—37.²⁵ Revision of the genus, Obenberger—35.²⁶ Revision of genus, Obenberger—34.**DRYOPOIDEA** ¹**LIMNICHIDÆ** ¹**Limnichinæ** ¹**Limnichites** ¹**Lutrochus** :**Cephalobyrhrinæ** ¹**Throscinus** ¹**DRYOPIDÆ** ¹**Dryopinæ** (*Pelonominæ*) ¹**Pelonomus** ¹**Oberonus** ¹**Dryops** :**Helichus** Er. 47-510 ¹ :*(Dryops* of Leach 17-88)²*(Parygrus* Er. 47-510)³*(Pachyparnus* Fairm. 88-338)³*productus* Lec. 52-43 ² Cal.*immsi* Hntn. 37-318 Cal. Ariz. Tex.*propinquus* Hntn. 35-68 L.Cal.*confluentus* Hntn. 35-71 ² Ga.-Ariz.*longulus* Musg. MS ²*lithophilus* Germ. 24-88 ² Can.-Fla.-Ia.*basalis* Lec. 52-43 ² Mass.-Ga.*falli* Musg. MS ²*fastigiatus* Say 24-275 ² Mass.-Fla.-Kan.*striatus* Lec. 52-43 ² Que.-Cal.-B.C.*v.foveatus* Lec. 52-43 ²*columbianus* Brown 31-118 ²*triangularis* Musg. 35-143 ² Ariz. Tex.*suturalis* Lec. 52-43 ² Cal. C.A.*gilensis* Lec. 52-43 ²*aqualis* Lec. 54-81 ²

• • •

elmoides Shp. 82-121 ⁴

• • •

puncticollis Shp. 82-121 ⁵ Ariz. ?C.A.**PSEPHENIDÆ** ¹**Psepheninæ** ¹**Psephenus** ¹¹ Notes on relationships of families, subfamilies, and genera, Hinton—39.² Revision of genus, Musgrave—35.³ Hinton—36.⁴ Hinton—37.⁵ Hinton—34.

Eubrianacinae¹Eubrianax¹ELMIDÆ (*Helmidæ*)¹Larinæ¹Lara¹Phanocerus¹Elminæ¹ELMINI¹Elsianus¹Stenelmis Duf. 35-158^c

nubifera Fall 01-238 Cal. Ore. Wash.
 sexlineata Sandn. 38-663 Kan. Tex.
 crenata Say 24-275 N.B.-Ala.-Tex.
 sordida Mots. 59-51^c
 exigua Sandn. 38-669 Ark.
 beameri Sandn. 38-671 Mo. Ark.
 lateralis Sandn. 38-672 Pa.-Va.-Ark.
 concinna Sandn. 38-674 Que.-N.C.
 tarsalis Sandn. 38-675 Ont.-W.Va.-Okla.
 knobeli Sandn. 38-677 Ark.
 bicarinata Lec. 52-44 Vt.-Tex.
 exilis Sandn. 38-680 Ark.
 mera Sandn. 38-682 Que.-N.C.-Ark.
 douglasensis Sandn. 38-685 Mich.
 grossa Sandn. 38-686 Miss. La. Ark.
 parva Sandn. 38-688 Okla. Tex.
 fuscata Blatch. 25-164 Fla.
 hungerfordi Sandn. 38-690 Fla.
 humerosa Mots. 59-50 Mass.-S.C. Tenn.
 linearis Zimm. 69-259^c
 mirabilis Sandn. 38-693 Conn. N.C. S.C.
 antennalis Sandn. 38-695 Fla. Ala. Miss.
 quadrimaculata Horn 70-40 Que.-D.C.-
 sulcatus Blatch. 10-681^c [Mich.
 blatchleyi Musg. 33-57^c
 musgravei Sandn. 38-698 N.Y.-Va.-Mo.
 sinuata Lec. 52-44 Ga.-S.C.-Miss.
 decorata Sandn. 38-701 D.C. Ind. Kan.
 vittipennis Zimm. 69-259 Que.-S.C.-Kan.
 convexula Sandn. 38-704 Fla.
 märkeli Mots. 54-12 Mass.-Ark.
 ?canaliculata Gyll. 08-552^c Eur.
 elongata Mots. 59-51^c ?N.A.

Simsonia Carter & Zeck 29-58¹³

* vittata Melsch. 44-99³ N.Y. Ind. Man.
 bivittata Lec. 52-44³ Wis.
 quadrinotata Say 25-187³ M.St. Can.
 brunnescens Fall 25-177³ Cal.
 dieterichi Musg. 33-54³ Fla. Ga. Miss.

^c Revision of genus, Sanderson—38.Elmis¹

immunis Fall 25-178
 cryophilus Musg. 32-79¹
 addenda Fall 07-226⁸
 ornata Schffr. 11-120⁸

Narpus Csy. 93-582^{1 9}

* concolor Lec. 81-75⁹ B.C. Alb. Wash.
 solutus Brown 33-46^{1 9}
 angustus Csy. 93-583⁹ Cal.
 angustatus Hntn. 36-57
 arizonica Brown 30-90⁹ Ariz.

Heterlimnius Hntn. 35-178¹

* koebelei Martin 27-68¹⁰ Wash.
 divergens Lec. 74-52¹⁰ B.C. Cal.
 tardellus Fall 25-179¹⁰ Mass.
 cryophilus Musg. 32-79¹⁰ Tenn.
 subarcticus Brown 30-241^{10 11} Que.
 trivittatus Brown 30-91¹⁰ Que.
 ovalis Lec. 63-74¹⁰ Pa. Ind.
 elegans Lec. 52-43¹⁰ Vt.
 quadrimaculatus Horn 70-37¹⁰ Cal.

Microcylloepus Hntn. 35-178^{1 10}

* pusillus Lec. 52-44¹⁰ M.St. Can.
 s.apta Musg. 33-56 Va. Fla.
 s.perdita Musg. 33-56 Fla.
 s.lödingi Musg. 33-56 Ala. Miss.
 foveatus Lec. 74-53¹⁰ Cal.
 similis Horn 70-38¹⁰ Ariz.

Neoelmis Musg. 35-34^{1 12}

* cæsa Lec. 74-53¹² Tex.

Limnius Er. 47-522^{1 13}

* latiusculus Lec. 66-380¹³ Pa.

Heterelmis¹

browni Hatch 38-16

Mont.

ANCYRONYCHINI¹Macronychus Müll. 06-207^{1 13}

* glabratoides Say 25-187¹³ E.U.S.
 thermæ Hatch 38-18 Mont.

Ancyronyx¹Zaitzevia Champ. 23-170^{1 13}

* parvulus Horn 70-41¹³ B.C. Cal.
 columbiensis Angell 92-84¹⁴

¹ Fall—34.² Cited as probably the only American species remaining in the genus, Hinton—35.³ Review of genus, transferred from Dryopini, Hinton—36.¹⁰ Revision of genus, Hinton—35.¹¹ As synonym of tardellus, Fall—34.¹² Revision of genus, Musgrave—35.¹³ Revision of genus, Hinton—36.¹⁴ Sanderson—38.

HETEROCERIDÆ

Heterocerus

LITTORIMUS Gozis 85-120
compactus Fall 37-30 Man. Ia.

DASCILLIDÆ

Macropogon Mots. 45-38¹⁵

* sequoiae Hopping 36-46¹⁵ Cal.
testaceipennis Mots. 59-362¹⁵ Cal.-B.C.
rubricollis Pic 27-34¹⁵
cibracollis Brown 29-274¹⁵⁻¹⁶

piceus Lec. 61-362¹⁵ N.B.-Ill.-B.C.
rufipes Horn 80-79¹⁵
dubius Brown 29-273¹⁵⁻¹⁶

Anorus Lec. 59-86¹⁷

* piceus Lec. 59-87¹⁷ Cal. L.Cal.
parvicollis Horn 94-365¹⁷ Ariz.
arizonicus Blais. 34-323 Ariz.

CHELONARIIDÆ

Chelonarium Fabr. 01-101¹⁸

* lecontei Thoms. 67-84¹⁸ Fla.

NITIDULIDÆ

Brachypterus Grouv. 13-387

* pulicarius Linn. 58-357¹⁹ Eur. Wis.
[N.Eng.]

Carpophilus
humeralis Fab. 98-74 Cal. Fla.
rickseckeri Fall 10-124²⁰

Nitidula

carnaria Schall. 83-257¹⁹ Eur. Wis. Cal.

Phenolia Er. 43-299²¹

* grossa Fabr. 01-347²¹ Can.-Me.-Wyo.-
[Tex.]

Soronia Er. 43-277²¹

* guttulata Lec. 63-64²¹ N.Y.-Ore.-Ariz.

Lohiopa Er. 43-291²¹

* setosa Harold 68-104²¹ Mass.-Ut.-B.C.
setulosa || Lec. 63-63²¹

substriata Hamilt. 93-306²¹

oblonga Parsons 39-159 Cal.
undulata Say 25-179²¹ Me.-Fla.-Mich.-
[Mex.]

¹⁵ Revision of genus, R. Hopping—36.

¹⁶ Fall—34.

¹⁷ Revision of genus, Blaisdell—34.

¹⁸ Placed in Dryopidae by Mequignon—34.

¹⁹ Dodge—37.

²⁰ Parsons in litt.

²¹ Revision of group of genera, Parsons—39.

falli Parsons 39-161 Ariz.
brunnescens Blatch. 17-238²¹ Fla. Mass.
punctata Parsons 39-163 Fla. Jamaica
?insularis Cast. 40-10²¹ Gulf St.

Amphotis Er. 43-290²¹

* ulkei Lec. 66-376²¹ Mass.-D.C.
schwarzi Ulke 87-77²¹ Va. Ala. N.C.

Pocadius Er. 43-318²²

* fulvipennis Er. 43-319²² Mex. Cal.
dorsalis Horn 79-311²²

helvolus Er. 43-320²² Conn.-Ga.-B.C.-
brevisculus Reitt. 76-318²² [Tex.
ferrugineus Chevr. 63-604²² [Mex.
infuscatus Reitt. 74-94²² [W.I.
limbatus Reitt. 74-95²²

niger Parsons 36-116 N.M. Ariz.
fulvipennis || Fall & Ckll. 07-175²²

basalis Schffr. 11-117²² Ariz.

Cryptarca Shuck. 39-165²³

CRYPTARCHA (s.str.)²³

ampla Er. 43-356²³ Que.-Fla.-Cal.-Or.
(grandicollis Reitt., not No. Amer.)²³

glabra Schffr. 09-375²³ Ariz.
strigatula Parsons 38-98 Mass.-Ga.-
[Mich. Tex.]

strigata of authors (not Fabr.)
concinna || Reitt. 73-150²³

LEPIARCHA Shp. 91-385²³
(Cryptarchula Gglb. 99-551)²³

gila Parsons 38-99 Ariz. Cal.
concinna Melsh. 53-41²³ Mass.-Fla.-

liturata Lec. 63-30²³ [Cal.-Ore.
picta Melsh. 46-107²³

bella Reitt. 73-150²³

HEMIPEPLIDÆ

Hemipeplus²⁴

EROTYLIDÆ

Ischyurus

quadripunctatus Oliv. 91-437
alabamæ Schffr. 31-175²⁵
a.antedivisa Mader 38-19 (no. loc.)

CRYPTOPHAGIDÆ

Cryptophagus

dentatus Hbst. 93-15²⁶ Arctic N.A.
blumi Blais. 37-158 Mont.

²² Revision of genus, Parsons—36.

²³ Revision of genus, Parsons—38.

²⁴ Transferred from Cucujidae (and placed near Melandryidae and Oedemeridae) by H. Scott—33.

²⁵ Mader—38.

²⁶ Brown—37.

²⁷ Blair—33.

COLYDIIDÆ

*RHAGODERINI*²⁸
ORTHOCEPINI
*Rhagodera*²⁹

CORTICINI

*Anchomma*²⁹

* * *

Phlaeonomus
(adhærens Shp., not No. American)²⁹
*Microsicus*³⁰
parvulus Guer. 29-189³⁰ S.U.S. Mex.
setosus Shp. 94-456³⁰

Lasconotus Er. 46-258³¹
(Illestus Pascoe 63-33)²⁹
(Lado Wankow. 67-249)²⁹
(Othismopteryx Sahlb. 71-44)²⁹

Aulonium
bidentatum Fab. 01-556³² L.Cal. C.A.
 [W.I.]

Lapethus Csy. 90-317³³
(Lytopeplus Shp. 95-494)
(Brachylon Gorh. 98-256)

LATHRIDIIDÆ

Corticaria
linearis Payk. 98-302³⁴ Eur. Sib.
 [Greenl.]

Enicmus
tricarinatus Brown 34-22 Sask.

MYCETÆIDÆ

Stethorhanis
borealis Blais. 34-325 B.C.

²⁸ This tribe unnecessary, the genera placed elsewhere, Hinton—35.
²⁹ Hinton—35.
³⁰ Hinton—36.
³¹ This name was not validated by Erichson in 1845 (1846). Hinton—35 credits it to Leconte 50-282 but Lacordaire was earlier.
³² Fall—34.
³³ Placed in Murmidiidæ by Leng but in Colydiidæ by Hinton—36.
³⁴ Carpenter—38.

COCCINELLIDÆ

Hyperaspis
leachi Nunen. 34-19
biornatus Nunen. 34-18
fimbriolata Melsh. 46-180
s.marginatus Gaines 33-263 Tex.

Hyperaspidius
horni Nunen. 34-19 N.J.

Scymnus
maderi Nunen. 37-183 Cal.
quercus || Nunen. 34-18
scotti Nunen. 34-17 Cal.
schuberti Nunen. 34-17 Ariz. Cal.

Coccidula
suturalis Weise 95-132³⁵ Vanc.-N.J.
occidentalis Horn 95-114³⁵

Psyllobora
plagiata Schffr. 08-125 Ariz.
ko-belei Nunen. 11-71³⁶

Ceratomegilla
cottlei Nunen. 34-20 Wyo.

Adonia
amœna Fald. 35-453 Alaska, Asia

Hippodamia
hoppingi Nunen. 34-21 Cal.
lunatomaculata Mots. 45-382
a.lengi Joh. 10-865³⁶ Cal.
nigromaculata Nunen. 34-20 (Ad-
 [alia])³⁶

Cleis
concolor Crotch 74-142³⁸ Mex. ?Tex.

Anatis Muls. 51-133³⁹
** ocellata* Linn. 58-366³⁹ Eur. Sib.
s.halonis Lew. 96-28³⁹
s.mali Say 24-93³⁹ N.H.-N.J.-Wash.
labiliculata Say 35-288³⁹
rathvoni Lec. 52-132³⁹ Cal. Ore. Ida.
s.lecontei Csy. 99-98³⁹ Ariz. N.M.
 | Colo. Wis.
quindecimpunctata Oliv. 08-1027³⁹
 | Can.-N.C.-Ark.-Ill.
caseyi Westc. 12-422³⁹
signaticollis Muls. 50-134³⁹

[III.]

Exochomus
californicus Csy. 99-107⁴⁰ Cal. Nev.
quatuorpustulatus Linn. 58-367⁴⁰ Eur.
 | Cal.
quadripustulatus Nunen. 34-113

³⁵ Dodge—38.

³⁶ Nunenmacher in litt.

³⁷ Scott—33.

³⁸ Gaines—33.

³⁹ Revision of genus, McKenzie—36.

⁴⁰ Valid species, Nunenmacher—34.

Brumus

blumi Nunen. 34-114

Cal.

sparsa Blais. 23-237 L.Cal.
blairi Blais. 36-888 "Cal. merid."
tuckeri Csy. 24-297 ¹⁴ Ariz.
imperialis Blais. 36-94 Cal. Ariz.
tanneri Blais. 36-97 Cal.
tortugensis Blais. 36-100 L.Cal.**Epilachna**

varivestis Muls. 50-815

N.A.

corrupta Muls. 50-815 ⁴¹
a.genuina Muls. 50-817 ³⁶
a.juncta Joh. 10-79 ³⁶**Eschatomoxys** Blais. 35-125

wagneri Blais. 35-125

Cal.

ALLECULIDÆ**Pseudocistela** Cr. 73-108 ⁴²* (*Cistela* of Lec. & Horn) ⁴²(*Chromatia* Lec. 61-244) ⁴²

amona Say 23-268 Ind. O. Tex.

brevis Say 23-269 E.Can. E.U.S.

erythroptera Zieg. 44-46*rufipes* Melsh.

pinguis Lec. 59-16 N.M. Kan. Cal.

pacifica R.Hopp. 33-284 B.C. Cal.

opaca Lec. 59-78 Cal.

theveneti Horn 75-156

marginata Zieg. 44-46

pectinata R.Hopp. 33 285 E.C.

Craniotis ⁵**Euschides**lecontella Blais. 36-227 Cal.
v.tempestalis Blais. 36-229 Cal.
speculatus Blais. 36-225 Cal.
cressoni Blais. 33-191 Cal.**Eleodes**paradoxa Blais. 31-78 ⁶ Cal.
montanus Blais. 25-385 ⁶ Cal.
MELANELEODES Blais. 09-33 Ariz.
lineata Blais. 39-55
omissa Lec. 58-186
s.tumida Blais. 33-194 ¹ Cal.

* * *

spoliata Blais. 33-196 Ore.
acuta Say. 23-258
s.pernigra Blais. 37-128 Tex.
ELEODES (s.str.)
dentipes Esch. 29-10
s.sordida Blais. 35-30 Cal.

* * *

amedeensis Blais. 33-199 Cal. Nev.
armata Lec. 51-134
v.pumila Blais. 33-197 Cal.
ARPELEODES Blais. 37-128
tibialis Blais. 09-311 L.Cal.

* * *

kaweana Blais. 33-203 Cal.
scabriventri Blais. 33-202 Cal.
oblonga Blais. 33 206 Cal.
BLAPYLIS Horn 70-301 Wash.
indentata Blais. 35-28 STENELEODES Blais. 09-33
v.interstitialis Blais. 36-73 ornatipennis Blais. 37-129 N.Mex.
cibrata Blais. 23-239 HOLELEODES Blais. 37-132
opaca Blais. 25-329 (nom.nud.)³ beameri Blais. 37-132 Ariz.
williamsi Blais. 25-328 bryanti Blais. 37-134 Ariz.
puncticollis Horn 70-260 ³ Cal. L.Cal. palmerleensis Blais. 37-136 Ariz.
hannai Blais. 25-329
s.martinensis Blais. 36 83 L.Cal.**Stibia** Horn 70-260 ³* (*Eutriorophus* Csy. 24-296 ³ *

granulata Blais. 23-238 L.Cal.

fallaciosa Blais. 36-70 L.Cal.

puncticollis of Blais. (not Horn)

v.interstitialis Blais. 36-73 L.Cal.

cibrata Blais. 23-239 L.Cal.

opaca Blais. 25-329 (nom.nud.)³

williamsi Blais. 25-328 L.Cal.

puncticollis Horn 70-260 ³ Cal. L.Cal.*hannai* Blais. 25-329

s.martinensis Blais. 36 83 L.Cal.

³⁶ Nummacher in litt.⁴¹ Brown—36.⁴² R.Hopping—33.¹ Blaisdell—39. (Contains discussions of relationships and components of certain subfamilies and tribes arranged in two sections: (1) Tentyriinæ, Coniontine, Asidinæ (Craniotini, Asidini); (2) Eleodinæ (Eleodini, Amphidorini), Helopinæ (Stenotrichini, Helopini), Blaptinæ, Zopherinæ, etc., etc.)² Revision of genus, Blaisdell—34.³ Revision of genus, Blaisdell—36.⁴ Blaisdell—33.**Neobaphion**

elongatum Blais. 33-208 Nev.

Eleodopsis Blais. 39-52 ⁸

subvestita Blais. 39-53 Sn Nich.Id., Cal.

⁶ Belongs in Asidinæ Craniotini, before Asidini, Blaisdell—37.⁷ Blaisdell—35.⁸ Blaisdell—37.⁹ Belongs in Eleodopsinae Eleodopsini, to follow Eleodinæ.

Adeliinæ⁹**Cratidus** ⁹**Amphidora** ⁹**Trichoderulus** ⁹

* * *

Coniontis

elongata Csy. 90-380
 protensa Csy. 08-104¹⁰
 ?obsidiana Csy. 08-100
 viatica Esch. 29-7
 lucidula Csy. 08-103¹⁰
 innocua Csy. 08-99¹⁰
 timida Csy. 08-102¹⁰
 conicicollis Csy. 08-102¹⁰

Cal.

Tribolium MacL. 25-47¹¹

(Margus Dej. 33-200)

* castaneum Hbst. 97-282¹¹ Cosmop.
 ferrugineum of Dej. 21-68^{11 12 13}
 confusum Duval 68-181¹¹ Cosmop.
 ferrugincum of Muls. 54-244¹¹
 madens Charp. 25-218¹¹ Eur. Afr. N.A.
 obscurum Redt. 42-17¹¹

Corticeus Pill. & Mitt. 83-87

(Corticicus of authors)¹⁴
 (Hypophlaeus Fabr. 90-24)¹⁴
 (Paraphlaeus Seidl. 94-553)¹⁴

strublei Blais. 34-188
 occidentalis Wallis 33-249¹⁵
 minor Wallis 33-248¹⁵
 subopacus Wallis 33-247¹⁵

Cal.
B.C.
Alb.
B.C.**Centronopus** Solier 48-154¹⁶

* (Scotobœnus Lec. 59-87¹⁶
 (Centronipus Dej. MS)¹⁶
 parallelus Lec. 59-88¹⁶ Cal. Ore.
 wagneri Blais. 33-218 Cal.
 simplex Blais. 37-95 Cal.
 punctatus Blais. 33-220 Cal.

Helops

guadalupensis Csy. 90-488¹⁷ Guad. Id.,
 [Cal.
 crockeri Blais. 33-89 Guad. Id., Cal.

Stenotrichus¹⁸

* rufipes Lec. 51-136 Cal.
 parallelia Csy. 24-328 (Amphidora)¹⁹
 confluens Csy. 24-329¹⁹

⁹ Delete, transfer genera to Amphidorini and Eleodini, Blaisdell—39.
¹⁰ Results derived from rearing, Blaisdell—35.
¹¹ Revision of genus, Good—36.
¹² Other synonyms do not belong here, Good—36.
¹³ Shepard in litt., Uyttenboogaart, etc.
¹⁴ Blaisdell—34.
¹⁵ Described in Hypophlaeus.
¹⁶ Revision of genus, Blaisdell—33.
¹⁷ Valid species, Blaisdell—33.
¹⁸ Transfer to Helopinæ—Stenotrichini, to follow Helops, Blaisdell—39.
¹⁹ Blaisdell—33.

LAGRIIDÆ²⁰

Lagriinæ

Arthromacra Kby. 37-238²⁰

aenea Say 24-287 Can.-Minn.-Mo.
 donacioides Kby. 37-239²⁰
 v.glabricollis Blatch. 10-1285²¹ Ind.
 v.rugosicollis Leng 14-287 Ga.
 robinsoni Leng 14 286 Va.
 appalachiana Leng 17-18 N.C.
 pilosella Leng 17-18 Tenn. Ky.

Statirinæ²⁰**Statira** Serv. 25-479²⁰

STATIRA (s.str.)²⁰
 pluripunctata Horn 88-29 Ariz.
 simulans Schffr. 05-180 Tex.
 croceicollis Mäkl. 63-594 ?Ala.
 gagatina Melsch. 46-311 Pa.
 basalis Horn 88-31 U.S.
 colorata Fall 09-165 L.Cal.

MELANDRYIDÆ

(Serropalpidæ)

Xylita Payk. 98-249

* laevigata Hell. 86-318²² Eur. N.A.
 livida Sahlb. 34-448²² Eur. N.A.

Zilora Muls. 56-84²³

* alabamensis Mank 38-102 Ala.
 hispida Lec. 66-148²³ N.H.
 occidentalis Mank 38-104 Cal.-B.C.
 nuda Prov. 77-321²³ Que.
 ?canadensis Hausen 90-91²³ Que.

PTINIDÆ

Ptinus

GYNOPTERUS Muls. & Rey.
 [68-53²¹
 tectus Boield. 56-652²¹ Austral. S.A.
 pilosus || White 46-8²⁴ [W.I. Eur.
 ocellus Brown 29-109²⁴ [Afr. Asia,
 [B.C. Wash.

ANOBIIDÆ

Neogastrallus Fisher 38-43²⁵

libronocens Fisher 38-44

Fla.

Nicobiumhirtum Ill. 07-19²⁶

Fla. Eur.

²⁰ Revision of family, Borchmann—36.²¹ Leng Catalog.²² Mank—37.²³ Revision of genus, Mank—38.²⁴ Hatch—34.²⁵ In Anobiini near Gastrallus.²⁶ Snyder—36.

Hadrobregmus
destructor Fisher 38-26 Alaska

Platybregmus Fisher 34-275²⁷
canadensis Fisher 34-275 Ont.

Eupactus Lec. 61-203²⁸
(*Thaptor* Gorh. 83-205)²⁹
oblongus Gorh. 83-206²⁹ Cal. Mex.

BOSTRYCHIDÆ

Endecatomus Mellie 47-108^{30 31}

* *reticulatus* Hbst. 93-70³¹ Eur. S.St. Ind.
rugosus Dej. MS (Gemm. & Har.)³¹
rugosus Rand. 38-26³¹ Me.-Va.-Tex.-
dorsalis Mellie 48-218³¹ [Mich.]

Sinoxylon

simplex Horn 85-155 Tex.
brevicollis Csy. 98-70 (Amphice-
[rus])³²

Rhizopertha

dominica Fabr. 92-359³³ Cosmop.
pusilla Fabr. 98-156³³
fissicornis Marsh. 02-82³³
piceus Marsh. 02-88³³
rufa Hope 45-16³³
frumentarius Nördl. 55-?³³
moderatus Walk. 59-260³³

Heterarthron

(*parvulum* Lesne, not No. American)³⁴

LYCTIDÆ

Trogoxylon³⁵

caseyi Lesne 37-240 Tex.
rectangulus Csy. 24-184³⁴

CISIDÆ

Octotemnus

dixiensis Tanner 34-47 Utah

²⁷ In Anobiini near Hadrobregmus.

²⁸ Van Dyke—36.

²⁹ Used also as subgenus, Van Dyke—36.

³⁰ Spelled Hendecatomus by Lesne and others.

³¹ Revision of genus, Lesne—35.

³² Lesne—37.

³³ Potter—35.

³⁴ Lesne—37.

³⁵ Placed in Bostrychidæ by Lesne—37.

SCARABÆIDÆ

Pinotus

(*spadiceus* Lued., not No. American)³⁶

Phanaeus

<i>floridanus</i> Dols. 24-94	Fla.
<i>niger</i> Dols. 24-95	La.
<i>quadridens</i>	
<i>v.borealis</i> Dols. 24-100	
<i>vindex</i>	
<i>v.cyanellus</i> Rob. 38-107	Fla.

Onthophagus

<i>depressus</i> Har. 71-116	
<i>carteri</i> Blackb. 04-147	Ga. S.Afr.

Aegialia

LEPTÆGIALIA Brown 31-12	
<i>browni</i> Saylor 34-74	Cal.
* * *	
<i>conferta</i> Horn 71-29 ⁴	Ga. Ill. Cal.
<i>nigrella</i> Brown 13-47 ⁴	[Wash.]

Trichlorhyssemas

* *alternatus* Hntn. 38-127 Mex. ?Ariz.

Aphodius

<i>utahensis</i> Rob. 38-107	Utah
<i>essigi</i> Saylor 35-134	Cal.
<i>rehni</i> Rob. 38-109	Colo. Ariz.
<i>linsleyi</i> VanD. 33-115	Cal.
<i>browni</i> Hntn. 34-277	
<i>smithi</i> Brown 30-2 ⁴	
<i>rugoclypeus</i> Hntn. 34-219	Cal.
<i>cadaverinus</i> of Saylor 33-188 ⁴	
<i>cadaverinus</i> Mannh. 43-261 ⁴	Cal.
<i>martini</i> VanD. 28-153 ⁴	Cal.
<i>washtucna</i> Rob. 38-108	Wash.
<i>dilaticollis</i> Saylor 35-80	Ore.

Euparia Serv. 25-357¹

* *castanea* Serv. 25-357¹ Fla.-La. C.A.

Euparixia Brown 27-288¹

(*Euparixia* Leng & Mutch. 33-39)¹

Atenius

<i>mlamii</i> Cartw. 34-200	Fla.
<i>platensis</i> Blanch. 37-185 ³	S.A. W.I.
<i>integer</i> Har. 68-96 ³	[N.C. Tex.]
<i>anticus</i> Fall 30-105 ³	
<i>falli</i> Hntn. 34-119	
<i>consors</i> Fall 30-104 ⁴	
<i>carolinus</i> VanD. 28-157 ⁴	

Xeropsamobeus Saylor 37-36

* *desertus* VanD. 18-10 Cal.

¹ Chapin in litt.

² Transferred from *Copris*, Chapin in litt.

³ Cartwright—38.

⁴ Fall in litt.

⁵ Hinton—38.

⁶ Hinton—34.

⁷ Revision of genus, Hinton—36.

⁸ Hinton—37.

⁹ Transferred from *Aphodius*, Hinton—37.

Pleurophorus

batesi Arrow ¹⁰ W.I. C.A. N.A.
parrulus of authors ¹⁰
nanus of Horn 87-96 ¹⁰

Saprosites Redt. 58-436

* ventralis Horn 87-92 ¹¹ Can. D.C. Ind.

Phæochrons Cast. 40-108 ^{12 13}

* (Phæochrons Pering. 88-646) ¹²
Silphodes Westw. 45-160) ¹²

emarginatus Cast. 40-109 ¹² E.Ind. ?Cal.
behrensi Horn 67-163 ¹²

Geotrupes

(*levistriatus* Mots., not No. Amer.) ¹¹
occidentalis Horn 80-144, syn. ¹¹

Pleocoma Lec. 56-24 ^{15 16}

* remota Davis 24-23 ^{15 16}
behrensi of Smith 85-33 ¹⁶
shastensis VanD. 33-183 ^{15 16}
puncticollis Rivers 89-17 ^{15 16}
rickseckeri Horn 88-5 ^{15 16}
trifoliata Linsley 38-57
australis Fall 11-65 ^{15 16}
bicolor Linsley 35-11 ^{15 16}
carinata Linsley 38-56
simi Davis 34-24 ^{15 16}
oregonensis Leach 33-186 ^{15 16}
fimbriata Lec. 56-25 ^{15 16}
tularensis Leach 33-186 ^{15 16}
fimbriata of Davis 35-17 ¹⁶
behrensi Lec. 74-83 ^{15 16}
sonomæ Linsley 35-12 ^{15 16}
hirticollis Schauf. 70-58 ^{15 16}
fimbriata of Lec. 57-40 ¹⁶
s.vandykei Linsley 38-56
crinita Linsley 38-53
hoppingi Fall 06-394 ^{15 16}
badia Fall 17-15 ^{15 16}
conjugens Horn 88-7 ^{15 16}
hirsuta Davis 34-88 ^{15 16}
blaisdelli Linsley 38-55
conjugens of Leach 33-185 ¹⁶
staff Schauf. 70-52 ^{15 16}
adjuvans Crotch 74-58 ¹⁶
dubitalis Davis 35-30 ^{15 16}
s.leachi Linsley 38-52
minor Linsley 38-52
edwardsi Lec. 74-83 ^{15 16}
staff of Horn 88-11 ¹⁶
ulkei of Leach 33-184 ¹⁶
ulkei Horn 88-9 ^{15 16} ?Utah, ²⁰ Cal.

¹⁰ Cartwright in litt.

¹¹ Transferred from *Pleurophorus*, Chapin and Cartwright in litt.

¹² Robinson—38.

¹³ To follow *Pachyplectris*.

¹⁴ Robinson—38, and Chapin in litt.

¹⁵ Revision of genus, A. C. Davis—35.

¹⁶ Linsley—38; a more complete revision than that of Davis, but arranged alphabetically.

¹⁷ Described as a variety of *conjugens* but elevated to species by Linsley—38.

¹⁸ This probably should be changed to Oregon, Leach—33.

¹⁹ Described as a variety of *staff* but elevated by Linsley—38, and locality cited as California.

²⁰ Found only in California, Leach—33.

Benedictia Sanderson 39-1 ²¹

* *pilosa* Sandn. 39-2

Tex.

Lichnanthe Burm. 44-26

(*Amphicomia* of authors) ²²

Oncerinae ²³**Oncerus** Lec. 56-283 ²³

* *floralis* Lec. 56-284 ²³

Cal.

Nefoneerus Saylor 38-101 ²³

* *convergens* Horn 94-394 ²³

Cal.

* * *

Chaunocolus Saylor 37-35 ²⁴

* *cornutus* Saylor 37-35

L.Cal.

Chnaunanthus Burm. 44-31 ²⁵

* (Aeratus Horn 67-165) ²⁵

(*Pseudacratus* Dalla Torre 12-7) ²⁵

flavipennis Horn 67-165 ²⁵ Ariz. Ut.

palmeri Horn 94-393 ²⁵

discolor Burm. 44-32 ²⁵ Mex. L.Cal.

chapini Saylor 37-535 ²⁵ Cal. Ore.

Sericia MacLeay 19-146 ²⁶

(*Aserica* Lewis 95-394) ²⁶

porcula Csy. ²⁷
alternata Lec. 56-276 N.M.-Cal. Colo.

[Ut.]

s.exolita Dawson 33-437 Cal.

s.patruela Dawson 33-437 Cal.

aconia Dawson 33-438 Cal.

repanda Dawson 33-439 Cal.

laguna Saylor 35-1 Cal.

peregrina Chpn. 38-68 Japan, N.Y.

similis of Leng & Mutch. 33-90 ²⁸

brunneus || Waterh. 75-101 ²⁸

mckenziei Saylor 35-2 Cal.

prunipennis Saylor 36-4 Cal.

pruinosa || Saylor 35-2 ²⁹

falcata Daws. 33-439 Nev. Cal.-Wash.

stygia Daws. 33-439 Cal.

prava Daws. 33-440 Cal.

senta Daws. 33-440 Cal.

Autoserica Brenske 97-356 ²⁶

* (Aserica of Arrow, not Lewis) ²⁶
castanea Arrow 13-398 Japan, N.Y.N.J.

Diplotaxis

falli Saylor 35-35 Cal.

testacea Burm. 55-263 ³⁰ Carolina

basalis Fall 09-73 Kan. Neb. Colo.

²¹ Belongs in *Pleocominae*, Sanderson—39.

²² Chapin—38.

²³ Revision of subfamily, Saylor—38.

²⁴ Probably in *Chasmatopterini* of Leng Catalog.

²⁵ Revision of genus, Saylor—37.

²⁶ These names are arranged thus by Chapin—32, but *Autoserica* is placed as synonym of *Aserica* Lewis by Arrow—27 and —33.

²⁷ Valid species, Dawson in litt.

²⁸ Chapin—38.

²⁹ Saylor—36.

³⁰ These references were reversed in the catalog; the species are probably distinct, Fall in litt.

Phyllophaga Harris 26-6

(<i>Melolontha</i> Fabr. 75-31) ³¹		crassissima	Blanch. 50-133
(<i>Stenothorax</i> Harris 26-8) ³¹		<i>ferrida</i>	Blanch. 50-133 ³¹
(<i>Rhizotrogus</i> Berthold 27-362) ³¹		<i>obesa</i>	Lec. 56-251 ³¹
(<i>Lachnosterna</i> Hope 37-99) ³¹		<i>robusta</i>	Lec. 56-257 ³¹
(<i>Holotricha</i> Hope 37-99) ³¹ ³²		<i>generosa</i>	Horn 87-222 ³¹
(<i>Ancylonycha</i> Blanch. 45-216) ³¹		subpruinososa	Csy. 84-38
(<i>Trichesthes</i> Er. 47-658) ³¹		<i>deani</i>	Luginb. 28-78 ³⁵
(<i>Trichestes</i> Blanch. 50-141) ³¹		micans	Knoch 01-77
(<i>Tostogoptera</i> Blanch. 50-149) ³¹ ³³		<i>sororia</i>	Lec. 56-246 ³¹
(<i>Eugastria</i> Lec. 56-233) ³¹		lodingi	Sandn. 39-4
(<i>Endrosia</i> Lec. 56-234) ³¹		fusca	Froelich 92-99
(<i>Gynnis</i> Lec. 56-262) ³¹		<i>ferrida</i>	Oliv. 89-24 ³¹
(<i>Phytalus</i> Er. 47-658) ³² ³⁴		<i>fervens</i>	Gyll. 17-74 ³¹
lanceolata Say 23-242 Wis.-Ark.-N.M.- [Colo.		fraterna	Harris 41-29
arizonea Bloeker 36-55 ³¹	Ariz.	<i>cognata</i>	Burm. 55-322 ³¹
grisiana Bloeker 36-56 ³¹	Tex.	<i>nova</i>	Smith 89-508 ³¹
cazieri Bloeker 36-57 ³¹	Kans.	forsteri	Burm. 55-325
squamipilosa Saylor 37-280	Tex.	<i>fosteri</i>	Travis 34-332
cribrosa Lec. 53-231 ³⁶		luctuosa	Horn 87-254
s.cribrosa (s.str.) ³⁶	Kan.-Mex.	<i>rugostodes</i>	Linell 96-728 ³¹
s.ventricosa Lec. 53-440 ³⁶	Tex.-Ariz.	texana	Sandn. 37-16
cribrosa of Horn 87-217 ³⁶		duvalus	Rob. 38-110
epigaea Wickh. 03-71 ³⁶	Tex. N.M.	linelli	Saylor 37-321
schäfferi Saylor 37-231	Ga.	<i>minor</i>	Linell 95-728 ³¹
georgiana ¹ Schffr. 09-382 ³²		jonesi	Sandn. 39-5
pagilis Saylor 37-321	Fla.	ilicis	Knoch 01-71
parva Linell 96-726		<i>porcina</i>	Hentz 30-253 ³¹
ephilida Say 25-196		<i>fimbriata</i>	Burm. 55-326 ³¹
longitarsis	Burm. 55-359 ³¹	<i>ciliata</i>	Lec. 56-253 ³¹
burmeisteri Lec. 56-144 ³¹		<i>subtonsa</i>	Lec. 56-254 ³¹
longitarsa Say 23-241		<i>burmeisteri</i>	DallaT. 12-193 ³¹
frontalis Lec. 56-239 ³¹		inflexa	Barrett 35-49
clemens Horn 87-227	N.J.-Fla. Tex.	elizioria	Saylor 37-321
howei Sandn. 37-17 ³¹		<i>pygidialis</i>	Schffr. 06-257 ³²
congrua Lec. 56-243		fucata	Horn 87-278
fervens Blanch. 50-133 ³¹		<i>linsleyi</i>	Saylor 36-4 ³¹
yueana Saylor 37-321		psiloptera	Sandn. 39-7
sericata	Blanch. 50-136 ³²	howei	Sandn. 37-17
kentuckiana Ritcher 37-285	Ky. Ala. ³⁷	youngi	Cartw. 35-102
floridana Rob. 38-110	Fla. Ga. ³⁷ Ala. ³⁷	erinata	Burm. 55-359
omani Sandn. 37-66	Ala. Ga.	<i>longiclavus</i>	Fall 22-173 (Listroche-
hirticula Knoch 01-79			lus ¹
hirsuta ¹ Say 13-142 ³¹		perita	Sandn. 37-14
crenulata	Blanch. 50-133 ³¹	*	Ariz. PHYTALUS Er. 47-658 ⁴
querens Knoch 01-72		trichodes	Bates 90-178
fervida Ill. 02-44 ³¹		<i>robustus</i>	of Horn 95-120 ⁴
sequoiana Saylor 36-2	Cal.	<i>sandersonia</i>	Saylor 39-161 ⁴
linsleyi Saylor 36-4	Ariz.	omani	Sandn. 37-10
stohleri Saylor 38-136	Nev.	georgiana	Horn 85-122
dentex Bates 88-192 ³⁸	Mex. Ariz.	obsoleta	N.J. Ala.
pusillidens Fall 37-31		<i>s.vanalleri</i>	C.A.
microdon ¹ Fall 29-113 ³⁹		27-215 ⁴	Ala. La.
			[Tex.]
³¹ Travis—34.		bilobatata	Saylor 39-165
³² Saylor 37.		<i>cephalicus</i>	Ariz. N.M.
³³ Used as subgenus by Bloeker—36.		of Horn 85-120 ⁴	
³⁴ Also used as subgenus by Saylor in litt., and other writers.		pallida	Ariz. Mex.
³⁵ Saylor in litt.		sonora	Ariz. Mex.
³⁶ Von Bloeker—37.		<i>debilis</i>	of Horn 85-122 ⁴
³⁷ Sanderson—39.			
³⁸ Saylor—35.			
³⁹ Fall 37.			

Listrochelus

langeri Chpn. 34-93	Colo. N.M. Ut.
duncani Barrett 33-129	Ariz.

⁴ Revision of subgenus, Sanderson—39.¹ Chapin in litt.² Robinson—38.

Chlaenobia Blanch. 50-116 ¹⁰			
* <i>vexata</i> Horn 85-120 (Phytalus) ¹⁰	Tex.		
<i>cavifrons</i> Linell 96-729			
Polyphylla			
<i>conspersa</i> Burm. 55-407 ¹¹			
<i>r.hammondi</i> Lec. 56-228 ¹¹	Kan.-Ill.		
<i>r.subvittata</i> Lec. 56-229 ¹¹	Tex.		
<i>squamicauda</i> Csy. 14-324 ⁴¹			
<i>oblita</i> Csy. 14-326 ⁴¹			
<i>bisinuata</i> Csy. 14-327 ⁴¹			
<i>r.molesta</i> Csy. 14-324 ⁴¹	N.Mex.		
<i>?verecunda</i> Csy. 14-325 ⁴¹	N.Mex.		
<i>?impigra</i> Csy. 14-326 ⁴¹	N.Mex.		
<i>?sejuncta</i> Csy. 14-328 ⁴¹	N.Mex.		
<i>r.proba</i> Csy. 14-329 ⁴¹	Ariz.		
<i>?diffusa</i> Csy. 14-329 ⁴¹	Ariz.		
<i>?pimalis</i> Csy. 14-330 ⁴¹	Ariz.		
(<i>r.cavifrons</i> Lec., not No. Amer.) ¹¹			
<i>barbata</i> Cazier 38-161	Cal.		
<i>hirsuta</i> VanD. 33-116	Ariz.		
<i>occidentalis</i> Linn. 67-555 ¹¹			
<i>r.variolosa</i> Hentz 30-256 ⁴¹	Me.-N.Y.		
<i>r.occidentalis</i> (s.str.) ¹¹	Va.-Fla.		
<i>r.gracilis</i> Horn 81-73 ⁴¹	Fla.		
<i>r.comes</i> Csy. 14-352 ¹¹	Ky.		
<i>r.speciosa</i> Csy. 89-17 ⁴¹	N.M. Colo.		
<i>10-lineata</i> of Csy. (part.) ¹¹			
<i>acomana</i> Csy. 14-342 ⁴¹			
<i>latifrons</i> Csy. 14-340 ⁴¹			
<i>?distracta</i> Csy. 89-17 ⁴¹	N.Mex.		
<i>?adusta</i> Csy. 14-331 ¹¹	N.Mex.		
<i>r.10-lineata</i> Say 23-246 ¹¹	Kan.		
<i>?reducta</i> Csy. 14-346 ⁴¹	Wash.		
<i>?nigra</i> Csy. 14-334 ⁴¹	Wash.		
<i>?crinita</i> of Csy. ¹¹	Wash.		
<i>r.perversa</i> Csy. 14-348 ¹¹	Wash.		
<i>r.oregona</i> Csy. 14-348 ⁴¹	Ore.		
<i>?opposita</i> Csy. 14-330 ⁴¹	Ore.		
<i>?mystica</i> Csy. 14-334 ⁴¹	Ore.		
<i>?crinita</i> of Csy. (part) ⁴¹	Ore.		
<i>r.modulata</i> Csy. 14-333 ⁴¹	Ore.		
<i>r.arguta</i> Csy. 14-339 ⁴¹	Utah		
<i>r.laticauda</i> Csy. 14-345 ⁴¹	Nev.		
<i>r.rugosipennis</i> Csy. 14-337 ⁴¹	Ariz. Ut.		
<i>r.matrona</i> Csy. 14-350 ⁴¹	Ariz.		
<i>r.fuscula</i> Fall 08-161 ¹¹	Ariz.		
<i>?levicauda</i> Csy. 14-338 ⁴¹	Ariz.		
<i>?r.crinita</i> Lec. 56-230 ⁴¹	Cal.		
<i>?r.incolumis</i> Csy. 14-335 ⁴¹	Cal.		
<i>?r.relicta</i> Csy. 14-336 ⁴¹	Cal.		
<i>?r.robustula</i> Csy. 14-336 ⁴¹	Cal.		
<i>?r.sobrina</i> Csy. 14-339 ⁴¹	Cal.		
<i>?r.squamotecta</i> Csy. 14-343 ⁴¹	Cal.		
<i>?r.pacifica</i> Csy. 95-607 ⁴¹	Cal.		
<i>?r.ruficollis</i> Csy. 14-346 ⁴¹	Cal.		
<i>?r.castanea</i> Csy. 14-347 ⁴¹	Cal.		
Phobetus Lec. 56-227 ⁴²			
* <i>comatus</i> Lec. 56-227 ^{42 43}	Cal. Ore.		
<i>leachi</i> Barrett 35-51 ⁴²			
<i>v.centralis</i> Csy. 09-281 ^{42 44}	Cal.		
<i>v.sloopi</i> Barrett 33-130 ^{42 43}	Cal.		
Cotalpa Burm. 44-423 ⁴⁵			
* <i>COTALPA</i> (s.str.) ⁴⁵			
<i>consobrina</i> Horn 71-337			
<i>flavida</i> Horn 78-53			
<i>lanigera</i> Linn. 64-22			
<i>s.obesa</i> Csy. 15-90 ⁴⁸	Ind. Ia. Wis.		
<i>molaris</i> Csy. 15-90	La.		
<i>subcribrata</i> Wickh. 05-3			
<i>tau</i> Wickh. 05-2	Kans.		
<i>vernicala</i> Csy. 15-91	Ariz.		
PARACOTALPA Ohaus 15-256 ⁴⁸	Va. N.Y.		
(<i>Pocalta</i> Csy. 15-68) ⁴⁸			
<i>brevis</i> Csy. 15-95	Cal.		
<i>granicollis</i> Hal. 52-374	Utah		
<i>levicauda</i> Csy. 15-95	Cal.		

⁴⁰ Chapin—35.⁴¹ Kuntzen—33.⁴² Revision of genus, Cazier—37.⁴³ Revision of genus, Barrett—35: all as valid species.⁴⁴ As synonym, Barrett—33.

<i>saylori</i> Cazier 37-116	Catal.	Id.	Cal.
<i>ciliatus</i> Barrett 35-51 ^{42 43}		Cal.	
<i>testaceus</i> Lec. 61-346 ^{42 43}		Cal.	
<i>collacutus</i> Walker 66-346 *			
<i>humeralis</i> Cazier 37-85		Cal.	
<i>mojavus</i> Barrett 33-130 ^{42 43}		Cal.	
<i>palpalis</i> Saylor 36-1 ⁴²		Cal.	

Dichelonyx

<i>arizonica</i> Barrett 33-132	Ariz.
<i>vicina</i> Fall 01-291	
<i>deserta</i> Hopping 31-236 ³⁵	Ariz.
<i>arizonensis</i> Saylor 33-158	

Cœnonycha

<i>tingi</i> Cazier 37-126	Cal.
<i>testacea</i> Cazier 37-127	Cal.
<i>stohleri</i> Saylor 35-102	Nev.

Plectris Serv. 25-369

* (<i>Philochlaenia</i> Blanch. 50-122) ⁴⁵	
<i>aliena</i> Chpn. 34-34	S.Car.

Ceraspis Serv. 25-370

* (<i>Faula</i> Blanch. 50-124) ⁴⁶	
<i>pilatei</i> Har. 63-174 ³⁸	Ariz. C.A.
<i>bauii</i> Nonfr. 90-76 ⁴⁶	

Leptohoplia Saylor 35-132 ⁴⁷

* <i>testaceipennis</i> Saylor 35-133	Cal.
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Hoplia

<i>lecontei</i> DallaT. 13-376	Cal.
<i>pubicollis</i> Lec. 56-285 ³⁹	
<i>floridana</i> , for Ind. read Fla. ¹	

Anomala

<i>foraminosa</i> Bates 88-229 ¹²	Mex. Tex.
<i>insitiva</i> Rob. 38-112	Tex.
<i>polychalcea</i> of Schffr. 06-2 ¹²	
<i>dubia</i> Scop. 63-3 ⁴	Eur. N.J.

Rutelinæ ⁴⁸*Areodina*

<i>Cotalpa</i> Burm. 44-423 ⁴⁵	
* <i>COTALPA</i> (s.str.) ⁴⁵	
<i>consobrina</i> Horn 71-337	Ariz.
<i>flavida</i> Horn 78-53	Ut. Ariz.
<i>lanigera</i> Linn. 64-22	Can.-N.J.
<i>s.obesa</i> Csy. 15-90 ⁴⁸	Ind. Ia. Wis.
<i>molaris</i> Csy. 15-90	La.
<i>subcribrata</i> Wickh. 05-3	Kans.
<i>tau</i> Wickh. 05-2	Ariz.
<i>vernicala</i> Csy. 15-91	Va. N.Y.
PARACOTALPA Ohaus 15-256 ⁴⁸	
(<i>Pocalta</i> Csy. 15-68) ⁴⁸	
<i>brevis</i> Csy. 15-95	Cal.
<i>granicollis</i> Hal. 52-374	Utah
<i>levicauda</i> Csy. 15-95	Cal.
<i>Angell</i> in litt.	
<i>Chapin</i> —34.	
<i>Dalla Torre</i> —Col. Cat. p. 59.	
<i>Probably a new tribe near Hopliini, Saylor—35.</i>	
<i>Revision of subfamily, Ohaus—34.</i>	

nigripennis Csy. 15-97	Cal.	Cyclocephala Latr. 29-552
pubicollis Csy. 15-98	Utah	* <i>(Diapatalia</i> Csy. 15-111) ⁵⁰
puncticollis Lec. 63-78	N. Mex.	<i>(Acliniidia</i> Csy. 15-113) ⁵⁰
rotunda Csy. 15-96	Cal.	SPILOSOTA Csy. 15-112 ^{51 52}
rubripennis Csy. 15-97	Cal.	<i>(Ochrosidia</i> Csy. 15-112) ^{51 52 53}
ursina Horn 67-168	Cal.	hirta Lec. 61-346 ⁵⁴ Cal. Ariz. Ut.
PARABYRSOPOLIS Ohaus		<i>nigricollis</i> Burm. 47-54 ⁵²
		<i>robusta</i> Lec. 66-79 ⁵²
(<i>Parareoda</i> Csy. 15-68) ⁵⁴		<i>magister</i> Csy. 15-132 ⁵²
arizonae Ohaus 12-313	Ariz.	<i>palidissima</i> Csy. 15-133 ⁵²
batesi Ohaus 15-257	Mex. ?Ariz.	<i>inconspicua</i> Csy. 15-133 ⁵²
<i>lanigera</i> Bates 88-291 ⁵⁴		<i>s.pilosicollis</i> Saylor 36-2 ⁵⁴ Cal.
rufobrunnea Csy. 15-100	Ariz.	villosa Burm. 47-54 ⁵² ?Cal.
<i>Pelidnotina</i>		abrupta Csy. 15-152 ⁵² Cal. Ore. Ariz.
Pluviotis Burm. 44-417 ⁵⁴		<i>phasma</i> Csy. 15-153 ⁵²
* woodi Horn 85-124	Tex.	<i>obesula</i> Csy. 15-156 ⁵²
ampliata Csy. 15-82	Ariz.	<i>oblongula</i> Csy. 15-156 ⁵²
beyeri Skinner 05-289	Ariz. Mex.	<i>rustica</i> Csy. 15-157 ⁵²
<i>s.ocularis</i> Csy. 15-83 ⁵⁴		<i>reflexa</i> Csy. 15-153 ⁵²
angustata Csy. 15-86	Ariz.	pasadenæ Csy. 15-148 ⁵²
lecontei Horn 82-120	Ariz. N.M. Mex.	<i>arizonica</i> Csy. 15-149 ⁵²
gloriosa Lec. 54-221	Ariz. Mex.	immaculata Oliv. 90-29 ⁵² ?Cal.
<i>Pelidnota</i> MacLeay 19-157 ⁴⁸		<i>nigrifrons</i> Panz. 94-? ⁵²
(<i>Aglyoptera</i> Shp. 85-2) ⁵⁴		<i>frontalis</i> Sturm. 43-116 ⁵²
(<i>Odontognathus</i> Lap. 40-139) ⁵⁴		<i>rufifrons</i> Csy. 15-145 ⁵²
(<i>Strigidia</i> Burm. 44-388) ⁵⁴		DICHROMINA Csy. 15-160 ^{51 52}
PELIDNOTA (s.str.)		dimidiata Burm. 47-57 ⁵²
lucae Lec. 63-78	L.Cal.	* * *
lugubris Lec. 74-54	Ariz. Mex.	knobelæ Brown 34-33 Ark.
lutea Oliv. 89-23	Tex. Fla.	borealis Arrow 11-172 N.Y.
<i>s.brevicollis</i> Csy. 15-74 ⁵⁴	Fla.	<i>villosa</i> Burm. 47-54 ⁵²
<i>s.hudsonica</i> Csy. 15-74 ⁵⁴	N.Y.	californica Arrow 37-9 Cal.
<i>s.pallidipes</i> Csy. 15-74 ⁵⁴	Va.	<i>rustica</i> Csy. 15-157 ⁵²
<i>s.texensis</i> Csy. 15-74 ⁵⁴	Tex.	
oblonga Csy. 15-73	La.	Ligyrodes Csy., belongs in Cyclocephalini after Dyscinetus ^{1 55}
<i>s.debiliceps</i> Csy. 15-73 ⁵⁴	N.J.	
<i>s.ponderella</i> Csy. 15-73 ⁵⁴	D.C.	
punctata Linn. 58-350	N.A. ?Mex.	
tarsalis Csy. 15-74	N.Y.	
<i>Parastasiina</i>		
Parastasia Westw. 41-204		
* (<i>Barymorpha</i> Guer. 43-41) ⁵⁴		Cheiroplatys
(<i>Calidia</i> Burm. 44-331) ⁵⁴		(<i>Pseudaphonus</i> Csy. 15-178) ⁵⁴
(<i>Echmatophorus</i> Waterh. 95-158) ⁵⁴		(<i>Orizabus</i> Fairm. 78-260) ⁵⁴
(<i>Polyomchus</i> Lec. 56-23) ⁵⁴		
(<i>Urleta</i> Westw. 75-238) ⁵⁴		Aphonus Lec. 56-21 ⁵⁴
brevipes Lec. 56-23	Pa. N.Y. Mo.	* castaneus Melsh. 46-138 ⁵⁴ Me.-S.C.
conicicollis Csy. 15-104	Pa.	<i>obesus</i> Burm. 47-119 ⁵⁴
<i>Rutelina</i>		<i>trapezicollis</i> Csy. 15-219 ⁵⁴
Rutela Latr. 02-151		<i>sagittatus</i> Csy. 15-220 ⁵⁴
* (<i>Microrutela</i> Bates 04-250) ⁵⁴		<i>cubiformis</i> Csy. 15-221 ⁵⁴
formosa Burm. 44-383	Cuba, Fla.	<i>dentiscauda</i> Csy. 15-216 ⁵⁴ Pa.
		tridentatus Say 23-209 ⁵⁴ Me.-Fla.-Ind.
		<i>frater</i> Lec. 56-22 ⁵⁴
		<i>elongatus</i> Csy. 15-220 ⁵⁴
		<i>aterrimus</i> Csy. 15-216 ⁵⁴
		<i>congestus</i> Csy. 15-218 ⁵⁴
		<i>politus</i> Csy. 15-218 ⁵⁴
		<i>modulatus</i> Csy. 15-219 ⁵⁴
		<i>scutellaris</i> Csy. 24-335 ⁵⁴
		<i>variolosus</i> Lec. 48-88 ⁵⁴ Ga. Fla.
		<i>hydropicus</i> Lec. 56-22 ⁵⁴
		<i>ingens</i> Csy. 24-334 ⁵⁴

¹ Chapin in litt.⁵⁰ Saylor in litt.⁵¹ Arrow 37.⁵² Considered as a synonym of Cyclocephala by Arrow—37.⁵³ Revision of subgenera Spilosota and Dichromina, Saylor—37.⁵⁴ Used as valid genus by Brown—34.⁵⁵ Arrow—37.⁵⁶ Placed as synonym of Ligyrus by Arrow—37.⁵⁷ Revision of genus, Arrow—37.

Aphonides Rivers 89-6
 (Anoplognathus || Rivers 89-101)⁴⁰

Strategus Hope 37-87
 (Anastrategus Csy. 15-231)⁵⁴
 anteus Drury 73-74 Fl. Tex.
atrolucens Csy. 15-247⁵⁴
septentrionis Csy. 15-249⁵⁴
divergens Csy. 15-246⁵⁴
pinorum Csy. 15-248⁵⁴

Megasoma Khy. 25-566
 (Megasominus Csy. 15-261)⁵⁴

Gymnetis MacLeay
 chevrolati G. & P.
s.ramulosa Bates 69-389⁵⁷ Nic. Ariz.
ramifera Schiffr. 05-159⁵⁷
balteata Csy. 15-280⁵⁷

Cineretis Schürh. 37-56⁵⁸
 * *argenteola* Bates 89-354⁵⁷
s.argenteola (s.str.)⁵⁷ Mex.
a.lætula Csy. 15-281⁵⁴ Ariz.

Potosia Muls. 71-669⁵⁹
 * *affinis* Ander. 97-154 Eur. Asia, Cal.

Euphoria
 casselberryi Rob. 37-163 Tex.

Euphoriaspis Csy. 15-333
 * *hirtipes* Horn 80-401 Neb.
æstuosa Horn 80-400⁶⁰ Kan.

CREMASTOCHEILINI⁶¹

Cremastocheilus Knoch 01-115⁶¹
 (Trinodia Csy. 15-365)⁶¹
Anatrinodia Csy. 15-369⁶¹
lengi Cazier 38-86 Ariz.
MACROPODINA Csy. 15-344⁶¹

Genuchinus Westw. 74-23⁶¹
 (Psilocnemis Burm. 42-676)⁶¹
Lissomelas Bates 89-376⁶¹

* * *

Osmoderma ..

* *scabra* Beauv.⁶²
eremicola Knoch⁶²

⁶⁷ Schürhoff—37.

⁵⁸ To follow *Gymnetis*, Schürhoff—37.

⁵⁹ Intercepted by quarantine at San Francisco, Tinc—34.

⁶⁰ Transferred from *Euphoria*, Chapin in litt.

⁶¹ Generic revision of tribe, Cazier—38.

⁶² These are the only nearctic species, Hoffmann in litt.

Trichiotinus Csy. 15-381⁶³
 * *piger* Fabr. 75-41⁶³ Me.-Fla.-Tex.-Minn.
drummondi G. & P. 33-88⁶³
rotundicollis Khy. 37-138⁶³
hundatus LeBaron 71-194⁶³
reductus Csy. 15-384⁶³
texanus of Leonard 28-430⁶³

rufobrunneus Csy. 14-375⁶³ Fl.
obesus Csy. 14-376⁶³
affinis of Blatch. 30-34⁶³

texanus Horn 76-194⁶³ Kan. Okla. Tex.
monticola Csy. 15-383⁶³ [N.M.]

Intermedius Csy. 15-383⁶³

assimilis Khy. 37-137⁶³ N.S.-Pa.-N.M.-
bistriga Newm. 38-170⁶³ [B.C.]

piger of Burm. & Sch. 40-413⁶³

variabilis Burm. & Sch. 41-240
 (part)⁶³

bibens Burm. 42-756 (part)⁶³

affinis of Schaum 49-293 (part)⁶³

affinis G. & P. 33 93⁶³ N.H.-Ga.-Ill.
piger B. & S. 40-413 (part)⁶³

variabilis B. & S. 41-240 (part)⁶³

bibens Burm. 42-755 (part)⁶³

mutabilis Schaum 44-400 (part)⁶⁴

ventricosus Csy. 15-386⁶³

parvulus Csy. 15-387⁶³

viridans of Leonard 28-430⁶³

viridans Khy. 37-139⁶³ Mich.-Kan.-Minn.
piger B. & S. 40-413 (part)⁶³

variabilis B. & S. 41-240 (part)⁶³

bibens Burm. 42-755 (part)⁶³

affinis Schaum 49-293 (part)⁶³

lunulatus Fabr. 75-41⁶³ Va.-Fla.-Tex.

viridulus Fabr. 75-820⁶³

virens Gmelin 90-1584⁶³

piger of Schönh. 17-105 (part)⁶³

bibens Burm. 42-755 (part)⁶³

mutabilis Schaum 44-400 (part)⁶³

semiviridis Csy. 14-376⁶³

carolinensis Csy. 14-376⁶³

rasilicaua Csy. 15-389⁶³

rufiventris Csy. 15-390⁶³

bibens Fabr. 75-40⁶³ N.Y.-Ga.-Ill.

bidens Oliv. 89-62⁶³

viridulus of Hubb. & Schw. 78-655⁶³

LUCANIDÆ

Pseudolucanus

capreolus Linn. 64-32
a.nigricephalus Benesh 39-273 Ill.
a.muticus Thunb. 06-205⁶⁴ Md. Tenn.

Dorcus

brevis Say 25-202⁶⁵ N.J.-Ga.-Mo.
parallelus Say 24-248⁶⁵ Bor. Amer.
parallelopipedus Linn. 58-354⁶⁶ Eur. Que.

⁶⁷ Angell in litt.

⁶⁸ Revision of genus, Hoffmann 35.

⁶⁴ Benesh—39.

⁶⁵ Benesh—37.

Platycerinae

Platycerus ⁶⁶PASSALIDÆ ⁶⁷

Pseudacanthinæ

Popilius Kaup 71-75

- * (*Passalus* of authors)⁶⁸
- disjunctus Ill. 00-78 N.A.-S.A.
- cornutus Fabr. 01-256 ⁶⁷
- interruptus Linn. 64-35 (part)⁶⁹
- distinctus Weber 01-79 ⁷⁰

Passalinae

Passalus Fabr. 92-24

- * (*Nucleus* Kaup 69-30)⁷¹
- interruptus Linn. 58-354 L. Cal.
- sulcatus Scop. 68-76 ⁷² [Tex.-S.A.]
- spectabilis Perty 30-55 ⁷³
- grandis Dej. 37-194 ⁷⁴
- tlascala Perch. 35-45 ⁷⁵
- punctiger St. Farg. & Serv. 25-20
- synonyms ⁷⁶ [Tex.-S.A.]

CERAMBYCIDÆ

Aplagiognathus Thoms. 60-320 ¹

- * remotus Linsley 34-161 Ariz.

Stenodontes

- masticator Thoms. 67-99 ² Ariz. C.A. [S.A.]

Prionus

- californicus Mots. 45-89
- crassicornis Lec. 52-108 ³
- ineptus Csy. 12-742 ³
- humeralis Csy. 24-216 ³
- s.horni Lam. 12-243 ⁴
- lecontei Lam. 12-244 ⁴

Spondylis Fabr. 75-159

- * upiformis Mannh. 43-304 Alas.-L.Sup.-
laticeps Lec. 50-233 ³ [Ariz.-Cal.]
- collaris Csy. 12-218 ⁴
- robustula Csy. 12-219 ³
- subpubescens Csy. 12-219 ³
- basalis Csy. 12-220 ³
- parva Csy. 24-226 ¹

⁶⁶ Transferred from Dorcinae, Benesh—37.⁶⁷ Revision of family, Hincks & Dibb—35.⁶⁸ See Col. Cat. pars 142 for list of 47 synonyms of this species.¹ Belongs in subfamily Prioninae, tribe Macrotonini, and subtribe Archetypini, Linsley—34.² Subgenus *Mallodon*, Linsley—34.³ Linsley—38.⁴ Linsley—35.

Megasemum Kr. 79-97
(*Nothorhina* ¹ Csy. 12-263)⁵
aspera Lec. 54-18 ⁵ Ore. Vanc.

Tetropium
auripile Bates 85-435 ⁶ Mex. Ariz.

Opsimus Thoms 60-377
* quadrilineatus Mannh. 43-305 Alas.-Cal.
biplectralis Csy. 24-229 ³

Oeme
californica Linsley 34-162 Cal.
laticollis Linsley 34-163 Cal.
gracilis Lec. 81-27
densicolle Csy. 24-250 (Paranop-
[lium])⁴

Pseudomethia Linsley 37-65
arida Linsley 37-66 Cal.

Methia
evaniformis Knoll 37-306 Tex.
xanthocollis Knoll 35-98 Tex.
juniperi Linsley 37-64 Cal.
brevis Fall 29-58 ⁶ L.Cal.

Osmidus Lec. 73-177
* guttatus Lec. 73-178 L.Cal. Ariz.
obscurella Csy. 24-255 ³
vestitus Csy. 24-255 ³

Brothylus
gemmulatus Lec. 59-80 Cal. Utah
censors Csy. 24-254 ³
longicollis Csy. 24-254 ³

PHORACANTHINI ⁷

Romaleum White 55-309 ¹
(*Thersalus* Pascoe 66-372)⁶
(*Hypermallus* Lac. 69-302)⁶

Eustromula Ckll. 06-242 ¹
* (*Eustroma* Lec. 73-186)⁸
validum Lec. 58-82 Tex. Cal. L.Cal.
huachucae Csy. 24-245 (Anoplium)⁹

Elaphidion Scrv. 34-66 ¹
(*Centrocerum* Thoms. 64-244)⁸
(*Cyclopleurus* Hope 35-107)⁸
(*Hypermallus* Csy. 12-292)⁸

Anelaphus Linsley 36-464
* spureum Lec. 53-442 ⁹ Tex.
truncatum Hald. 47-33 ⁹ Fla. Tex.
nivevestitum Schffr. 05-132 ⁹ Tex.
brevidens Schffr. 08-333 ⁹ Ariz.
quadricollis Csy. 24-246 ⁹ Ariz.
inerme Newm. 40-29 ⁹ Pa. Fla. Tex.
albofasciatus Linell 96-393 ⁹ Cal. Ariz.
linelli Csy. 24-246 ⁹

⁴ Van Dyke—37.⁵ Linsley—34.⁷ Rearrangement of genera in the tribes Phoracanthini and Sphaerionini, Linsley—36.⁸ Linsley—36.⁹ Transferred from Anoplium by Linsley—36.

Anopliomorpha Linsley 36-465¹

* *riuconium* Csy. 24-248⁹ Ariz.
reticollis Bates⁹ ?Ariz. L.Cal. Mex.

Anoplium Hald. 47-34⁷

* *nanulum* Csy. 24-247⁸ Ariz.
tuckeri Csy. 24-247⁸ Ariz. Tex.
hoferi Knull 34-69⁸ Ariz.
simile Schffr. 08-334⁸ Ariz.
moestum Lec. 53-442⁸ Fla. Tex.
duncani Knull 27-117⁸ Ariz.
unicolor Hald. 47-34⁸ Pa. Tex.
cinerascens Lec. 50-15⁸
magnipunctata Knull 34-12 N.Mex.
tricallosum Knull 38-140 Ariz.
nanum Fabr. 92-300⁸ Cuba, Fla.
subtropicum Csy. 24-245⁸

Elaphidionopsis Linsley 36-467⁷

* *fasciatipennis* Linsley 36-467 Tex.

SPH.ERIONINI⁷**Axestinus** Lec. 73-177⁷

* *(Proteinidium* Bates 92-149)⁸
obscurus Lec. 73-177 Tex.

Aneflus Lec. 75-185⁷

* *sonoranus* Csy. 24-241 Ariz. N.M. Tex.
obscurus of Leng 85-pl. II, f. 27⁸
prolixus Lec. 63-203 L.Cal.-Tex.
fisheri Knull 34-335⁸
protensus Lec. 58-82 Cal.-Tex. Mex.
cochisensis Csy. 12-296⁸
calvatus Horn 85-132 Ariz. Cal.

Aneflomorpha Csy. 12-291⁷

* *duncani* Linsley 36-472 Ariz.
parkeri Knull 36-334 Ariz.
texana Linsley 36-473 Tex.
elongata Linsley 36-473 Cal.
californica Linsley 36-476 Cal.
levetti Csy. 92-29¹⁰ Ariz.
arizonica Linsley 36-475 Ariz.
fisheri Linsley 36-475 Tex.

Anepsyra Csy. 12-291⁷

* *tenue* Lec. 54-81⁸ Tex. Ariz.
aculeatum Lec. 73-184¹¹ Tex.

Stenelaphus Linsley 36-477⁷

* *alienum* Lec. 75-173 Ariz.

Stenosphenus Hald. 47-39⁷

notatum Oliv. 95-61 E.St.

Gymnopsyra Linsley 37-67⁷

* *phoracanthoides* Linsley 37-68 Tex.

Psyrassa Pascoe 66-481⁷

(*Pseudibidion* Csy. 12-291)⁷
brevicornis Linsley 34-164 Tex.
basicornis Pasc. 66-481 Mex. Tex.

* * *

¹⁰ Transferred from *Aneflus* by Linsley—36.

¹¹ Transferred from *Aneflomorpha* by Linsley—36.

Obrium

glabrum Knull 37-41

Tex.

LEPTURINI¹²**Pyrotrichus** Lec. 62-41¹²

* *vitticollis* Lec. 62-41 Cal. B.C.
cribripennis Csy. 13-198¹²

Leptalia Lec. 73-204¹²

* *frankenhaeuseri* Mannh. 53-252 Alas.-
macilenta Mannh. 53-253¹² [Cal.
fuscicollis Lec. 57-65¹²

Encyclops Newm. 38-392¹²

* *cœrulea* Say 27-280 Ont.-Conn.-Ill.
pallipes Newm. 38-392¹²
californicus VanD. 20-45 Cal.

Toxotus Dej. 21-112¹²

* *(Stenocorus* || Csy. 13-205)¹²
cylindricollis Say 23-4 N.Y.-Ga.-Mo.
dives Newm. 41-68¹²
dentipennis Hald. 47-58¹²
atratus Hald. 47-58¹²

flavolineatus Lec. 54-18 B.C. Wash.
[?Cal.

vittiger Rand. 38-29 Que.-Pa.-Minn.
nigripes Hald. 47-58¹²

pacificus Csy. 13-209 Cal.
hesperus Csy. 13-210¹²

parviceps Csy. 13-210¹²
tenellus Csy. 13-211¹²

trivittatus Say 23-422 Man. Mo. Miss.
virgatus Lec. 74-67¹²

schaumi Lec. 50-320 Que.-Vt.-Ill.-Minn.
croceus Leng. 90-68¹²

cinnamopterus Rand. 38-45 Mass.-
[N.C.-Kan.

lateralis Csy. 91-37 Cal.
uteamus Csy. 24-273¹²

marginellus Csy. 24-274¹²

vestitus Hald. 47-59 B.C.-Cal.
nubifer Lec. 59-80¹²

ater Leng 90-68¹²
truncatulus Csy. 13-211¹²

apiciventris Csy. 13-211¹²
flaccidus Csy. 13-212¹²

rufipennis Csy. 13-212¹²
plagiatus Csy. 24-273¹²

morio Csy. 24-274¹²
obtusus Lec. 73-206 B.C. Wash. Wyo.

brevicollis Csy. 13-214¹² [Alb.

aureatus Csy. 13-213 Cal.
gilvicornis Csy. 13-213¹²

sericatus Csy. 13-213¹²
subpinguis Csy. 13-213¹²

oregonensis Csy. 13-214 Cal.-B.C.-Alb.

¹² Revision of part of tribe, Hopping—37.

¹³ Linsley — 38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.

Stenocorus Geoff. 62-221 ¹²
 * (Rhagium Fabr. 75-182) ¹²
inquisitor Linn. 58-393 Alas.-Cal.-Conn.
 (Que. Eur. Sib. Japan
indigator Fabr. 87-145 ¹²
lineatum Oliv. 95-13 ¹²
investigator Mannh. 52-367 ¹²
californicum Csy. 13-195 ¹²
crassipes Csy. 13-195 ¹²
parvicornis Csy. 13-195 ¹²
boreale Csy. 13-195 ¹²
cariniventre Csy. 13-196 ¹²
thoracicum Csy. 13-196 ¹²
montanum Csy. 13-197 ¹²

Centrodera Lec. 50-325 ¹²
 * (Parapachyta Csy. 13-216) ¹²
spurca Lec. 57-63 B.C.-Cal.-Nev.-Ida.
cervinus Walk. 66-332 ¹²
decorata Harris 41-93 Que.-N.Y.-Ill.
rudibus Hald. 47-58 ¹²
lacustris Csy. 18-416 ¹²
nevadica Lec. 73-205 Cal. Nev.
oculata Csy. 13-202 ¹²
blaisdelli VanD. 27-102 Cal.
picta Hald. 47-58 Conn.-Ga.
pilosa VanD. 27-101 Cal.
sublineata Lec. 62-40 Pa. N.C.
tenera Csy. 13-203 Cal.

Xylosteus Friv. 38-180 ¹²
 * *ornatus* Lec. 73-205 Cal. Ore.

Anthophylax Lec. 50-326 ¹²
 (Anthophilar Lec. 50-236) ¹² ³
 * *hoffmanni* Beut. 03-518 N.C.
malachiticus Hald. 45-64 N.S.-N.C.-
cyanea Hald. 47-151 ¹² [L.Sup.
viridipennis Csy. 18-246 ¹²
viridis Lec. 50-326 ¹²
attenuata Hald. 47-59 N.B.-Va.-L.Sup.
quadrimaculatus C. & K. 22-147 Ohio
mirificus Bland 65-382 B.C.-C.A.-Colo.
venustus Bland 65-382 ¹²
costaricensis Bates 85-277 ¹²
tenuebrosa Lec. 73-208 Ore. Cal.
nigrolineatus VanD. 17-36 ¹²
subvittatus Csy. 91-37 Colo.

Pachyta Dej. 21-112 ¹² ¹³
 * *armata* Lec. 73-207 B.C.-Or.-Ida.
lamed Linn. 58-391 Alas.-Cal.-Pa.-
liturata Kby. 37-178 ¹² [Que. Eur.
nitens Lec. 50-235 ¹²
confaggrata Mots. 60-147 ¹²

Piodes Lec. 50-318 ¹²
 * *coriacea* Lec. 50-318 Ore.

Evodinus Lec. 50-325 ¹²
 * *monticola* Rand. 38-27 N.S.-N.C.-Wis.
carolinensis Csy. 24-275 ¹²
vancouveri Csy. 13-216 Alas.-Cal.

Gaurotes Lec. 50-324 ¹²
 * *cresoni* Bland 64-69 B.C.-Cal.-Colo.
lecontei Csy. 13-219 ¹²
cyanipennis Say 23-423 N.B.-Ind.
servillei Serv. 35-214 ¹²
ione Newm. 40-423 ¹²
laportei Guer. 44-253 ¹²
leonardii Hald. 47-60 ¹²
abdominalis Bland 62-270 Ont.-Va.

Ophistomis Thoms. 57-319 ¹²
 * (Cyphonotida Csy. 13-260) ¹²
laevicollis Bates 80-39 Ariz. Mex. Guat.
ventralis Horn 94-401 ¹²

Bellamira Lec. 73-328 ¹²
 * *scalaris* Say 27-278 N.W.T.-Que.-Fla.
coarctatus Hald. 47-59 ¹²

Neohellamira Sw. & Hopp. 28-15 ¹² ¹⁴
 * *delicata* Lec. 74-97 Cal.
sequoiae Hopp. 34-115 Cal.
tantennata Schffr. 08-342 (Strangalia) ¹²

Strangalina Auriv. 12-240 ¹² ¹⁴ ¹⁵
 * (Ophistomis of Csy.) ¹²
 (Strangalia of Lec.) ¹² ¹⁴
virilis Lec. 73-212 Tex.
acuminata Oliv. 95-20 Ont.-Md.-O.
emaciata Newm. 41-68 ¹²
unicolor Hald. 47-62 ¹²
famelica Newm. 41-68 N.Y.-Ga.-Mo.-
confuenta Hald. 47-61 ¹² | Minn.
flaviceps Hald. 47-61 ¹²
obsoleta Hald. 47-61 ¹²
solitaria Hald. 47-61 ¹²
carolina Csy. 13-277 ¹²
ochreipennis Csy. 13-278 ¹²
bicolor Swed. 87-197 N.Y.-Ga.-Mich.
simulans Csy. 13-278 ¹²
sexnotata Hald. 47-61 ?Mass. Fla.-
texana Csy. 13-276 ¹² [N.M.-Colo.
evanescens Csy. 13-276 ¹²
montana Csy. 91-40 ¹²
strigosa Newm. 41-69 Fla.
luteicornis Fabr. 75-197 Mass.-Fla.-
 | Tex.-Minn.

Euryptera Serv. 25-688 ¹²
 * *ignita* Schffr. 08-341 Ariz.
huachucæ Schffr. 05-164 Ariz. Tex.
lateralis Oliv. 95-22 Mass.-Fla.-Miss.
distans Germ. 24-524 ¹² | Mex.
cincta Hald. 47-63 ¹²
obsoleta Hald. 47-63 ¹²
lateralis Hald. 47-63 ¹²
flavatra Blatch. 14-92 ¹²
subintegra Csy. 24-285 ¹²
cruentata Martin 30-70 Ariz.

³ Linsley—38.¹² Revision of part of tribe, Hopping 37.¹³ Linsley—38 changes the authority of these genera to Zetterstedt 28-376 (74); however, they are amply validated by Dejean in 1821 (p. 112) and must be credited to him.¹⁴ Hopping—34.¹⁵ This synonymy is given by Linsley 38 thus: *Strangalia* Serv. 35-220 (Strangalina) Auriv. 12-228, *Ophistomis* Csy. 13-248.

Argaleus Lec. 50-319			
<i>nitens</i> Lec., ¹⁶ for 50-235 read 50-319 ³			
Acmaeops Lec., for 50-235 read 50-321 ¹			
Leptura			
<i>tibialis</i> Lec., for 50-339 read 50-329 ³			
<i>splendens</i> Knull 35-191	Ariz.		
Anoploderia			
<i>insignis</i> Fall. 07-251 ⁶ Cal., Is. off L.Cal.			
<i>vittata</i> Oliv. 92-523	N.A.		
<i>v.saratogensis</i> Rau 35-63	N.Y.		
Typocerus			
<i>standishi</i> Knull 38-141	Tex. Okla		
PSEBIINI ¹⁷			
Leptidiella Strand 36-169			
(<i>Leptidea</i> Muls. 39-105)			
<i>brevipennis</i> Muls. 39-105 ¹⁸	Eur. Cal.		
* * *			
Callimellum Strand 28-2			
(<i>Callimus</i> Muls. 46-App.) ¹⁹			
<i>cyanipenne</i> Lec. 73-192			
<i>variipes</i> Csy. 12-311 ³			
<i>dehiscens</i> Csy. 12-312 ³			
<i>ruficollis</i> Lec. 73-192			
<i>longicollis</i> Csy. 12-310 ³			
<i>s.opacipennis</i> Csy. 12-311 ³	Cal.		
Precilobrium			
<i>chalybeum</i> Lec. 73-189	B.C.-Cal. Ida.		
<i>rugosipenne</i> Linell 96-395 ³			
<i>minutum</i> Csy. 24-261 ³			
<i>gibsoni</i> Hopp. 31-234 ³			
Semanotus			
<i>bifasciatum</i> Fabr. 87-152 ²⁰	N.A.		
ANACOMIS Csy. 12-271 ²¹			
<i>ligneus</i> Fabr. 87-153 ²¹	N.A.		
<i>nicolas</i> White 55-321			
<i>litigiosa</i> Csy. 92-25 ²¹	Cal.		
<i>v.terminata</i> Csy. 12-274	Me.		
<i>terminalis</i> VanD. 37-112			
Phymatodes			
<i>blandus</i> Lec. 50-79	Cal.		
<i>s.picipes</i> Linsley 34-165	Cal.		
<i>propinquus</i> Linsley 34-181	Cal.		
<i>concolor</i> Linsley 34-181	Cal.		
<i>elongatus</i> Hopp. 35-8	B.C.		
⁶ Linsley—34.			
¹⁶ Transferred from <i>Pachyta</i> , Linsley—38.			
¹⁷ To follow <i>Necydalini</i> , Linsley—33.			
¹⁸ Linsley—33.			
¹⁹ This synonymy is cited by Mequignon—37 but fails to consider the prior name <i>Pilema</i> Lec. 73-192 (generally considered to be a synonym) and the still earlier name <i>Lampropterus</i> Muls. 63-214 (used as subgenus); nomenclaturally <i>Lampropterus</i> must be accepted as the genus name on the basis of these facts.			
²⁰ Transferred from <i>Callidium</i> , Linsley in litt.			
²¹ Van Dyke—37.			
rainieri VanD. 37-113		Wash.	
lecontei Linsley 38-109		Cal.	
<i>obscurum</i> Lec. 59-79 ³		Cal.	
<i>?grandis</i> Csy. 12-277 ³		Cal.	
<i>vulneratus</i> Lec. 57-60		Cal. B.C.	
<i>nigrescens</i> Hardy & Pr. 27-190 ²²		Ore.	
Xylotrechus			
<i>undulatus</i> Say 24-291		L.Sup. Id.	
<i>fuscus</i> Kby. 37-176 ²¹			
<i>lunulatus</i> Kby. 37-175 ²¹			
<i>frosti</i> VanD. 37-114			
<i>fuscus</i> of authors ²¹			
<i>insignis</i> Lec. 73-199			
<i>v.nunenmacheri</i> VanD. 30-43 ⁴		Cal.	
Neoclytus			
<i>confusus</i> VanD. 37-115			
<i>kirbyi</i> of authors ²¹			
<i>longulus</i> of authors ²¹			
<i>nubilus</i> Linsley 33-93		Cal.	
<i>muricatus</i> Kby. 37-177		Can. N.St.	
<i>kirbyi</i> Auriv. 12-392 ²¹			
<i>longipes</i> Kby. 37-176 ²¹		E.N.A.	
<i>acuminatus</i> Fabr. 75-194.		Colo.	
<i>s.hesperus</i> Linsley 35-163			
<i>resplendens</i> Linsley 35-163		Cal.	
Triodoclytus Csy. 13-387			
(<i>Synclytus</i> Lucas 20-480) ²³			
Euderces			
<i>balli</i> Knull 35-192		Ariz.	
Rhopalophora			
<i>bicolorella</i> Knull 34-336		Ariz. Tex.	
Stenosphenus			
<i>aridus</i> Linsley 35-166		Utah	
<i>arizonicus</i> Linsley 35-165		Ariz.	
<i>basicornis</i> Linsley 34-60		L.Cal.	
Atimia			
<i>helenae</i> Linsley 34-25		Cal.	
Elytroleptus			
<i>floridanus</i> Lec. 62-42		Mass. N.Y. Fla.	
<i>s.immaculipennis</i> Knull 35-99		Tex.	
Tragidion			
<i>opacum</i> Knull 37-306		Tex.	
Moneilema Say 24-403			
(<i>Monoplesia</i> Mots. 75-144) ²³			
<i>annulata</i> Say 24-404		Kan.-Mont.-Ar.	
<i>armigera</i> Mots. 75-146 ²³		Cal.	
<i>scabra</i> Mots. 75-146 ²³		Cal.	
Monochamus			
<i>fulvomaculatus</i> Linsley 33-118		Cal.	
Dorcaschema			
<i>octovittata</i> Knull 37-307		Tex.	
⁴ Linsley—35.			
²² Hopping—35.			
²³ Linsley in litt.			

Alphomorphus Linsley 35-100 *				
vandykei Linsley 35-79 (Pogonocherus) *	[Tex.]			
Leptostylus				
falli Linsley 34-182	Ariz.			
monki Knoll 36-106	Tex.			
Leiopus				
imitans Knoll 36-107	Tex.			
POGONOCHERINI *				
Zaplous Lec. 78-418 *				
* annulatus Chev. 62-250	Fla. Cuba			
hubbardi Lec. 78-415 *				
Lysimena Lec. 52-155 *				
* (Alloroscelis Bates 85-358) *				
fuscata Lec. 52-155	N.Y.-Fla. Cuba,			
leptis Bates 85-358 *	[Mex.-S.A.]			
californica Horn 85-194	Cal.			
Callipogonius Linsley 35-79 *				
* cornutus Linsley 30-86	Tex.			
Polygonus Bates 80-120 *				
(Pogonocherus of auth., in part) *				
californicus Schffr. 08-347	Cal.			
pilatei VanD. 20-46 *				
concolor Schffr. 09-102	Cal.			
albidus Linsley 34-184	Cal.			
oregonus Lec. 61-354 Pac.Cst.-Rky.Mts.				
obscurus Fall 10-5	Ariz.			
s.ponderosus Linsley 35-85	Cal.			
schaeferi Linsley 33-184	Cal.			
vandykei Schffr. 32-153 *				
californicus of authors (in part) *				
negundo Schffr. 08-164	Ariz.			
voltans Lec. 73-232	L.Cal. Guat.			
hirsutus Bates 80-120 *				
Ecyrus Lec. 52-160 *				
* penicillatus Bates 80-137	Tex. Mex.			
fasciatus Hamilt. 96-137 *				
texanus Schffr. 08-347	Tex.			
dasycerus Sav. 27-270	E.N.A. Can.			
obscura Hald. 47-50 *				
eriguis Lec. 52-161 *				
s floridanus Linsley 35-93	Fla.			
Lophopogonius Linsley 35-94 *				
* crinitus Lec. 73-267	Pac.Cst.			
Pogonocherus Zett. 28-364 *				
(Pityphilus Lac. 72-653) *				
POGONOCHERUS (s.str.) *				
penicillatus Lec. 50-234 Alas. Rky.Mts.				
alaskanus Schffr. 08-385 *	[E.N.A.]			
* Linsley—35.				
* Linsley—34.				
* Belongs in tribe Acanthoderini near Alphus , Linsley—35.				
* Revision of tribe, Linsley—35.				
EUPOGONOCHERUS Linsley [35-97]				
propinquus Fall 10-6 Pac.Cst. Rky.Mts.				
arizonicus Schffr. 08-346	Ariz.			
medianus Linsley 35-98	Ariz.			
pictus Fall 10-6 Rky.Mts. N.Pac.Cst.				
simplex Hamilt. 96-135 *				
emarginatus Csy. 13-347 *				
fastigiatus Csy. 13-348 *				
mixtus Hald. 47-50	N.N.A.			
simplex Lec. 73-237 *				
parvulus Lec. 52-160	N.N.A.			
salicicola Csy 13-347 *				
* * *				
Lochmaeocles				
tesselatus Thoms. 67-90 *	Tex. S.A.			
Cylindrataxia Linsley 34-183 *				
salicicola Linsley 34-184	Tex.			
Adetus Lec. 52-161 *				
* (Sicyobius Horn 80-137) *				
vanduzeei Linsley 34-62	L.Cal.			
brousi Horn 80-137	Tex.			
CHYSOMELIDÆ				
Aulacoscelis				
ventralis Schffr. 33-297	Ariz.			
femorata of Schffr. *				
Donacia				
subtilis				
s.magistrigata Mead 38-113	Cal.			
idola Hatch 38-110	Wash.			
distincta				
s.occidentalis Mead 38-114	Cal.			
germani Mannh. 43-306	Ore.			
flavipennis Mannh. 43-306 :				
emarginata Kby. 37-224	N.A.			
pacificae Schffr. 25-135 *				
Crioceris				
duodecimpunctata				
v.dodecastigma Suffr. 41-40 *	Eur.			
v.dodecastigma Suffr. 41-40 *	[N.A.]			
Lema Fabr. 98-90 *				
* peninsulæ Cr. 73-24	L.Cal.			
marginempressa Schffr. 33-299	Ariz.			
concolor Lec. 85-24	N.Mex.			
texana Cr. 73-24	Tex.			
arizonæ Schffr. 19-320	Ariz.			
sayi Cr. 73-25	S.E.U.S.			
cornuta Fabr. 01-475	S.E.U.S.			
simulans Schffr. 33-300	Kans.			
coloradensis Linell 93-475	Colo.			
gaspensis Brown 38-35	Que.			
palustris Blatch. 13-22	E.U.S.			
v.floridana Schffr. 33-300 *	Fla.			
* Knoll—37.				
* Belongs in Ataxiini near Aporataxia , Linsley—34.				
* Belongs in Adetini (to follow Ataxiini), Linsley—34.				
* Schäffer—33.				
* Mead—38.				
* Revision of genus, Schäffer—33.				

brunnicollis Lac.	45-391	Fla.
maculicollis Lac.	45-392	S.E.U.S.
collaris Say	24-430	Kan.-Ind. Fla.
longipennis Linell	98-474	Colo. Neb. Ill.
conjuncta Lac.	45-408	Fla.
v.circumvittata Clark	66-41 ³	Fla.
solani Fabr.	98-93	S.E.U.S.
confusa Chev.	35-166	Fla.
v.trabeata Lac.	45-409 ³	Fla. Ariz.
v.omogera Horn	94-405 ³	L.Cal.
balteata Lec.	85-24	Ariz.
v.equestris Lac.	45-403 ³	Ariz.
melanocephala Say	27-294	N.W.U.S.
opulenta G. & H.	74-3258	Tex.
flavida Horn	94-405	L.Cal.
nigrovittata Guer.	29-262	N.M. Ariz.
trilineata Oliv.	08-739	E.U.S.
v.medionata Schffr.	33-303 ^{1 3}	Fla.-N.C.
v.trivittata Say	24-429 ^{1 3}	W.St. N.Y.
immaculicollis Chev.	35-112 ¹	[Ala.]
trivirgata Lec.	59-22 ¹	
nigrovittata of Schffr. ¹		
v.californica Schffr.	33-301 ^{1 3}	Cal.
nigrovittata Guer.	29-262	N.M.
notativentris Schffr.	19-322 ¹	[C.A.]
æmula Horn	94-406	L.Cal.
jacobina Linell	98-474	Tex.
sexpunctata Oliv.	08-738	S.E.U.S.
v.albini Lac.	45-492 ³	S.E.U.S.
v.epphippium Lac.	45-483 ³	S.E.U.S.

(*Antipus* Deg., not North American)

Anomœa Lac. 48-130^{5 6}

* mutabilis Lac.	48-137	Tex. Mex.
ruficauda Fœrsb.	21-261 ⁶	
nitidicollis Schffr.	19-322	Tex.
crassicornis Schffr.	33-313	Fla.
laticlavia Forst.	71-27	Atl.St.-S.D.-S.A.
v.floridana Schffr.	33-315 ⁶	Fla.
v.kansana Schffr.	33-314 ⁶	Kan.
angustata Schffr.	33-316	Fla.
högei Jacoby	88-66	Tex. Mex.

Gynandrophthalma Lac. 48-256⁶

* militaris Lec.	58-83	Tex.
arizonica Schffr.	19-323	Ariz.

Coccoptera

dominicana Fabr.	01-34	N.Eng.-Fla.-
		[Mex.]
v.franciscana Lec.	59-22 ¹	Tex. Ariz.

 dorsalis Lec. 74-25¹ [Colo. Kan.]

Babia Lac. 48-424⁶

* quadriguttata Oliv.	91-37	E.U.S.-Neb.
v.pulla Lac.	48-429 ⁶	[Tex.]
v.tenuis Schffr.	33-320 ⁶	Ariz. N.M.
tetraspilota Lec.	58-83	Wyo.
v.texana Schffr.	33-320	Ariz. N.M.
humeralis Fabr.	01-37	Tex.
oregona Schffr.	33-321	L.Cal. Mex.
		Ore.

⁴ Also cited as a valid species, Schäffer—33.

⁵ Cited as valid genus, Schäffer—33. (*Titubœa* Lac. is listed as a possible synonym).

⁶ Revision of genus, Schäffer—33.

Fulcidacinae¹

(*Chlamydinae*)¹

Arthrochlamys Ihering 05-642

(*Chlamys*)¹ Knoch 01-122¹

* * *

Monachulns

seaphidiooides Suffr. 51-215⁷ Mex. Ariz.

opacicollis Schffr. 53-321 Ariz.

Cryptocephalus

notatus

 v.sellatus Schffr. 33-322 Tex.

binominis

 v.rufibasis Schffr. 33-322 Fla.

multisignatus Schffr. 33-322 Ariz.

trizonatus Suffr., for Ariz. read Tex.¹

egregius Schffr. 34-459 Tex. Ga.

snowi Schffr. 34-461 Ariz.

cowaniæ Schffr. 34-462 Ariz.

duryi Schffr. 06-230¹ Ariz. Tex.

cupressi Schffr. 33-324 La.

texanus Schffr. 33-323 Tex.

amatus Hald. 49-253

 apicidens Fall 32-22⁷

spurcus Lec. 58-84 Cal.

 s.vandykei White 37-112 Cal.

cerinus White 37-111 Cal.

 s.nevadensis White 37-113 Nev.

incertus Hald. 49-250 Ga. Conn.

 cululus Suffr. 51-241⁸

bispinus Suffr. 58-347 Fla.

albicans Hald. 49-252⁹

pumilus Hald. 49-249 Ga. Fla.

 pseudolus Suffr. 58-373⁸

simulans Schffr. 06-231 Ariz.

 v.conjungens Schffr. 34-460 Tex.

 v.eluticollis Schffr. 34-460 Ariz.

luteolus Newm. 40-250

 defectus Lec. 80-201⁸

 sanfordi Blatch. 13-23⁸

 sanfordensis Clav. 13-182⁸

Diachus

luscus Suffr. 58-377⁹ Ga.

Bassareus

formosus Melsh. 47-173

 v.egenus Suffr. 51-311⁸ Pa.

 v.confluentinus Schffr. 34-464⁸ Mass.-

[Pa.]

mammifer Newm. 40-250

 speciosus Schffr. 34-463 (in error)⁸

 pretiosus Melsh. 47-174

lituratus Fabr. 01-50

 v.geminatus Hald. 49-253⁹

 vittatus Suffr. 51-296⁸

Nodonota

basalis Jacoby 90-197 Mex. Ariz.

 arizonica Schffr. 06-238⁸

⁷ Fall—34.

⁸ Schäffer—34.

⁹ Transferred from *Cryptocephalus*, Schäffer—34.

Disonycha Chev. 37-414 ¹⁷

- * *pennsylvanica* Ill. 07-146 Mass.-Fla.
- sexlineata* Oliv. 08-642 ¹⁷ [Tex.-Ill.]
- pensylvanica* Sturm. 43-283 ¹⁷
- parva* Blatch. 22-16 ¹⁷
- conjugata* Fabr. 01-495 N.C.-Fla. Cuba
- costipennis* Duval 57-129 ¹⁷
- floridana* Jacoby 01-146 ¹⁷
- procera* Csy. 84-182 B.C.-H.B.T.-Ga.-Ut.
- ?*vicina* Kby. 37-217 ¹⁷
- ?*pallipes* Cr. 73-64 ¹⁷
- pennsylvanica* of Horn 89-202 [(part)¹⁷]
- nigriventris* Schffr. 31-282 ¹⁷
- uniguttata* Say 24-88 Mass.-Fla.-La.
- ?*vicina* Kby. 37-217 ¹⁷ [Man.]
- ?*pallipes* Cr. 73-64 ¹⁷
- pennsylvanica* of Horn 89-202 [(part)¹⁷]
- limbicollis* Lec. 57-67 Cal. Nev.
- alternata* Ill. 07-144 N.W.T.-N.S.-S.C.-? *quinquevittata* Say 24-88 ¹⁷ [Cal.]
- ?*punctigera* || Schffr. 31-279 ¹⁷
- latiovittata* Hatch 32-108 B.C.-Cal. Wyo.
- ?*puncticollis* || Lec. 57-67 ¹⁷
- ?*quinquevittata* Horn 89-203 (part)¹⁷
- schafferi* Blake 33-24 Can. O.
- pluriligata* Lec. 58-27 Ill.-La.-Colo.
- ?*quinquevittata* Say 24-88 ¹⁷
- v.pura* Lec. 58-86 ¹⁷ Cal.-N.M. C.A.
- ?*capitata* Jacoby 84-316 ¹⁷
- ?*quinquevittata* of Jacoby 91-276 ¹⁷
- punctigera* Lec. 59-24 Ill.-N.M.-Alb.
- ?*quinquevittata* Say 24-88 ¹⁷
- ?*neglecta* Schffr. 31-283 ¹⁷
- ?*punctipennis* Schffr. 31-284 ¹⁷
- arizonæ* Csy. 84-52 Me.-S.C.-Ariz.-Man.
- ?*glabrata* Jacoby 84-311
- ?*davisi* Schffr. 24-141
- v.borealis* Blake 33-31 Ont. Mich.
- tenuicornis* Horn 89-208 Ariz. N.M.
- caroliniana* Fabr. 75-122 Mass.-Fla.
- ?*s-vittata* Fabr. 92-47 ¹⁷ [Tex.-Ill.]
- ?*vittata* Fabr. 01-491 ¹⁷
- ?*quinquevittata* G. & H. 76-3497 ¹⁷
- ?*puulchra* Csy. 84-51 ¹⁷
- ?*alternata* || Horn 89-315 ¹⁷
- figurata* Jacoby 84-314 Nev. Ariz. C.A.
- fumata* Lec. 58-86 Tex. Mo. ?N.Y.
- ?*crenicollis* of Horn 89-204 (part)¹⁷
- ?*alternata* Jacoby 84-311 (part)¹⁷
- ?*horni* Jacoby 84-311 (part)¹⁷
- v.*quinquerutata* Schffr. 19-336 ¹⁷ Cal.-*carolina* Brisley 25-175¹⁷ [N.M. Ut.]
- v.*lodingi* Schffr. 19-337 ¹⁷ Ala.
- latifrons Schffr. 19-336 Cal.-N.M.-Mont.
- v.*laticollis* Schffr. 31-284 ¹⁷ N.S.-N.J.-[Minn.]
- ?*quinquevittata* of Whiteh. 18-38 ¹⁷
- discoidea* Fabr. 92-25 Md.-Ga.-Tex.-*nigridorsis* G. & H. 76-3497 ¹⁷ [Kan.]
- v.*abbreviata* Melsh. 47-163 ¹⁷ Pa.-Va.-[Ill.]
- leptolineata Blatch. 17-143 Fla.
- v.*texana* Schffr. 19-339 ¹⁷ Va.-Ariz.-[Kan.]
- antennata* Jacoby 84-35 Fla. Mex.
- ?*albida* Blatch. 24-169 ¹⁷
- alabamæ Schffr. 19-337 Ala. Tex.
- admirabilis Blatch. 24-90 Mass.-Va.-[Tex.-Ind.]
- glabrata Fabr. 81-156 N.Y.-Fla.-Ill.-S.A.
- ?*tomentosa* of Fabr. 75-122 ¹⁷ [W.I.]
- ?*vittata* Oliv. 89-105 ¹⁷
- ?*alternata* of Latr. 33-39 ¹⁷
- ?*horticola* Dej. 37-414 ¹⁷
- ?*albicollis* Sturm. 43-283 ¹⁷
- maritima Mannh. 43-311 Cal. Nev.
- collata Fabr. 01-463 Me.-Fla.-Ill.-C.A.
- ?*collaris* Cr. 73-64 ¹⁷
- ?*mellicollis* of Horn 89-211 ¹⁷
- semicarbonata Lec. 59-25 N.M. Colo.
- ?*mellicollis* Horn 89-211 (part)¹⁷
- xanthomelas Dalman 23-79 N.W.T.-*collaris* of Ill. 07-126 ¹⁷ [Mass.-Va.-*xanthomelana* G.&H. 76-3497 ¹⁷ [La.]
- ?*merdivora* Melsh. 53-122 ¹⁷
- v.*cervicalis* Lec. 59-25 ¹⁷ Kans. Ga.
- v.*atrella* Blake 33-57 Mass. Va. Ala.
- triangularis Say 24-84 B.C.-Mass.-Va.-*puncticollis* Kby. 37-218 ¹⁷ [Tex.]
- v.*montanensis* Blake 33-59 Mont.
- politula Horn 89-211 Kan.-N.M.-Guat.
- varicornis Horn 89-210 Tex. Cal. L.Cal.
- funerea Rand. 38-47 Mass. Ct. Ga. Ala.
- brevicornis Schffr. 31-281 Colo.
- stenosticha Schffr. 31-285 Tex.
- ?*quinquevittata* Fabr. 77-118 ¹⁸ Carol.-*s-vittata* Fabr. 92-47
- ?*mellicollis* Say 31-10 ¹⁸ La. Mo.
- ?*vicina* Kby. 37-217 ¹⁸ Can.
- ?*pallipes* Cr. 73-64 ¹⁸ Mo.
- ?*quinquevittata* Say 24-85 ¹⁸

Altica ¹⁹

- bimarginata Say 24-85 ²⁰
- plicipennis Mannh. 43-310 Alas.-Cal.-[Tex.-Man.]
- subplicata Lec. 59-25 Can.-La.-N.M.-[Minn.]
- prasina Lec. 57-67 B.C.-Cal.-Ut.
- ambiens Lec. 59-25 B.C.-Cal.-N.M.-Wyo.
- v.*alni* Harris 69-268 ¹⁹ Me.-Minn.
- v.*latiplicata* Blake 36-21 Ore. Cal.-[Ariz. Nev.]
- guatemalensis Jacoby 84-297 Ariz. C.A.
- napensis Blake 36-23 Cal.
- caurina Blake 36-24 Alb. Wash.
- * * *
- woodsi Isely 20-11 ²¹
- nancyæ Stirrett 33-208 Iowa
- populi Brown 38-37 Ont. Mann.

¹⁸ Unrecognized species, Blake—33.¹⁹ Revision of part of genus, Blake—36.²⁰ Unrecognized species, Blake—36.²¹ Dietrich in litt.

Orestioides Hatch 35-276 ²		
* robusta Lec. 74-274 ²	N.H. Que. Wash.	
Systema		
elongata Fabr. 98-99	N.Y.-Fla.-Cal.	
subneea Lec. 57-68 ²⁴	[Man.]	
dimorpha Blake 33-181	Cal.-N.M.-Kan.	
	[Mont.]	
* * *		
taeniata Say 24-294 ²⁴		
blanda Melsh. 47-164 ²⁴	N.Y.-Ga.-N.M.-	
s.ligata Lec. 57-68 ²⁴	[Ida.]	
ochracea Lec. 58-87 ²⁴	Cal.	
mitis Lec. 58-87 ²⁴	Cal.-Tex.-Colo.	
bitaenata Lec. 59-26 ²⁴	Cal.-N.M.-Alb.	
	[Dak.]	
(pallidula Boh., not North American) ²⁴		
laevis Blake 35-100	Cal.-Colo. Ariz.	
californica Blake 35-101 ²⁴	Cal.	
carri Blake 35-102 ²⁴	Alb.	
* * *		
gracilenta Blake 33-180	Tex. Mex.	
Psylliodes		
credens Fall 33-233	Cal.	
verisimilis Fall 33-232	N.Mex.	
Anisostena		
arizonica Schffr. 33-103	Ariz.	
texana Schffr. 33-103	Tex.	
kansana Schffr. 33-104	Kans.	
Anoplitis		
ancoroides Schffr. 33-105	N.J.	
Chalepus Thunb 05-282		
* bicolor Oliv. 92-96 ²⁵	Tex. E.St.	
walshi Cr. 73-81 ²⁵	Ill.-Colo.-Ark.-Ariz.	
Xenocephalus Weise 10-136 ²⁶		
HEMICHALEPUS Späth 37-147 ²⁶		
arizonicus Uhm. 38-425	Ariz. Mex.	
crotchi Weise 10-144 ²⁶		
Brachycoryna		
lateralis Schffr. 33-105	Colo.	
Stenopodius Horn 83-301 ²⁷		
* flavidus Horn 83-301 ²⁷	Cal.	
submaculatus Blais. 39-433	Cal.	
v.laticollis Blais. 39-434	Cal.	
v.pallidulus Blais. 39-435	Cal.	
inyoensis Blais. 39-435	Cal.	
v.pallidus Blais. 39-437	Cal.	
martini Blais. 39-437	Tex.	
texanus Schffr. 33-106 ²⁷	Tex.	
vanduzeei Blais. 39-440	Cal.	
insularis Blais. 39-442	Gulf of Cal. Is.	
Pentispa		
suturalis Baly 85-51	Mex. Ariz.	
(v.vittula Weise, not No. American) ¹		
Microrhopala		
arizonica Schffr. 06-253 ²⁸		
Chelymorpha		
phytophagica Cr. 73-77	Ariz.	
v.luteata Schffr. 33-108	Ariz.	
Cassida		
(nebulosa Linn., not North American) ¹		
flaveola Thunb. 94-103 ¹	Eur. Pa. Md.	
	[N.Y.]	
Chirida		
barberi Späth 36-140	Fla.	
Psalidoneota Boh. 55-81		
* texana Schffr. 33-108		
teprosa of Horn ¹	Tex.	
Erepsocassis Späth 36-260		
* rubella Boh. 62-449	Ala. Ga.	
marginepunctata Schffr. 25-236 ²⁹		
marginepuncta Späth 36-260		
Strongylaspis Späth 36-216 ³⁰		
* bisignata Boh. 55-119 ³⁰	Kans. O. Tex.	
BRUCHIDÆ		
(Mylabridæ, Acanthoscelidæ)		
Bruchus		
tenuis Bott. 35-127	Fla.-Tex.-Mich.	
brachialis Fahr. 39-79 ³¹	O.-N.J.-Ga.	
BRENTIDÆ		
Arrhenodes		
minutus Drury 70-95 ³²	E.N.A.	
PLATYSTOMIDÆ		
(Anthribida) ³³		
Goniocleonus Jord. 04-260		
* (Tropidères of authors) ³⁴		
bimaculatus Oliv. 95-14 ³⁵	E.St.	
rectus Lec. 76-395	E.St.	
Brachytarsoides Pierce 30-29		
irregularis Tanner 34-285	Utah	
1 Schaffner—33.		
25 Probable valid species. Schaffner—33.		

²² Belongs in Haltieini near **Crepidodera** and **Oreasteria**, Hatch 35.

²² Transferred from *Crepidodera*, Hatch—35.
²³ Revision of part of *Scutellaria*, Blakely—35.

²⁴ Revision of part of genus. Blake—35.
²⁵ Uhmann—36.

20 Uhmann 36.
21 Uhmann 38.

27 Revision of ge

PLATYSTOMIDÆ

(Anthribidae) 2

Goniocleonus	Jord.	04-260
*	(<i>Tropideres</i> of authors)	³
bimaculatus	Oliv.	95-14 ³
rectus	Lec.	76-395
Brachytarsoides	Pierce	30-29
irregularis	Tanner	34-285

J. Sphaer. 662 - 23

²⁵ Probably valid species. Schäffer—33

20 probably
20 Spath—36,

³⁰ To follow Metriona. Spax

³¹ Bridwell & Bottimer—33
1 Transferred from Ex parte

¹ Transferred from Eupsal by Buchanan—39.

² This name used by Zim

frum-38.

³ Transferred from Tropide.

CURCULIONIDÆ

(Auletes Schönh., not North American)⁴Auletobius Desbr. 68-396^{4,5}(Metopon Waterh. 42-lxii)⁴
(Involvulus Schrank 98-476)⁴(Auletes of authors)⁴AULETOBIUS (s.str.)⁴
congruus Walk. 66-331^{4,5} Ida-Neb.-Colo.
subcoeruleus Lec. 76-4⁶MESAULETES Voss 33-116⁶nasalis Lec. 76-412^{4,5} Cal.
humeralis Boh. 59-117^{4,6} Cai.
rufipennis Pierce 09-327⁸albovestita Bl. & Leng 16-54^{4,5} N.A.
ALLETINUS Desbr. 08-79^{4,6}(Nemonus Desbr. 08-13)⁵
ater Lec. 76-4⁴ Mass.-Tex.-Ont.

* * *

?cassandrae Lec. 76-5⁶ N.A.
?laticollis Csy. 88-233⁶ Cal.
?blatchleyi Voss 35-240⁶ Fla.
minor Blatch. 22-98⁶
?viridis Pierce 09-327⁶ Cal.

Deporans Leach 19-201

• (Platyrhynchus Thunb. 15-123)⁷
HYPODEPORANUS Voss
[23-388]
glastinus Lec. 57-52⁷ Colo. Ariz. Cal.
[Wash.]Rhynchites Schneid. 91-82⁷HAPLORHYNCHITES⁷
eximus Lec. 76-413⁷ Colo. Ariz.
æneus Boh. 29-22⁷ Can. Fla. Ore.
INVOLVULUS Schrank 98-475⁷
hirtus Fabr. 01-421⁷ Mass. Fla. Mich.
consobrinus Voss 38-159⁷ N.A.
RHYNCHITES (s.str.)⁷
velatus Lec. 80-216⁷ Cal.

Corigetus Desbr. 73-662

castaneus Rølofs 73-168⁸ Asla. N.Y.

Brachyrhininæ

(Otiorhynchinae)

Trichalophus⁹

seminudus VanD. 38-7

Colo.

Plinthodes⁹Triglyphulus Ckll. 06-243⁹

* ater Lec. 76-117

nevadensis VanD. 38-8

Acmægenius⁹

* * *

Sapotes

longipilis VanD. 34-175

Ariz.

Eupagoderes

huachucæ VanD. 34-180

Ariz.

halli VanD. 34-181

Ariz.

simulans VanD. 34-176

Tex.

decipiens Lec. 53-445

dunnianus Csy. 88-240¹⁰

Colo. Ut.

ocellatus VanD. 34-177

setosus VanD. 34-179

Ariz.

Cimbocera Horn 76-55¹¹* cinerea VanD. 35-1¹¹

Colo.

cazieri VanD. 36-73

pauper Horn 76-56¹¹ Dak. Wyo. Mont.conspersa Fall 07-261¹¹ Mont.-N.M.sericea Pierce 13-379^{11,12} [Ariz.]robusta VanD. 35-2¹¹

Cal.

Paracimbocera VanD. 38-1

* atra VanD. 38-2

Nev.

Miloderoides VanD. 36-74

* maculatus VanD. 36-76

Ida.

argenteus VanD. 35-4¹³

Colo.

Lepidopus VanD. 36-76

* nevadicus VanD. 36-77

Nev.

parvulus VanD. 36-78

Ida.

Dichoxenus

setosus Blatch. 16-103¹⁴

Ind. Mo.

Pseudorimus VanD. 34-182

* granicollis VanD. 34-183

Ariz.

gravicollis VanD. 34-185

N.Mex.

orbicollis VanD. 34-184

Crocidema VanD. 34-185

* californica VanD. 34-187

Cal.

nigrior VanD. 34-188

Ariz.

planifrons VanD. 34-189

Ariz.

attenuata VanD. 34-190

Utah

albovestita VanD. 34-190

Ariz.

Melanolemma VanD. 35-5

montana VanD. 35-5

Colo.

Peritaxia Horn 76-46

(Parataxia VanD. 36-79)

Colo.

uniformis VanD. 36-79

Ariz.

brevipilis VanD. 35-6

Ariz.

⁴ Voss—33.⁵ Revision of genus, Voss—34.⁶ Doubtful species, Voss—35.⁷ Voss—38.⁸ Davis—35.⁹ Transferred from Alopini, Wilcox & Davis—35.¹⁰ Van Dyke—34.¹¹ Revision of genus, Van Dyke—35.¹² Listed as variety by Van Dyke in 1934.¹³ Described in Miloderes, Van Dyke—35.¹⁴ Transferred from Anametis, Van Dyke—34.

Dyslobus Lec. 69-380	• (Amnesia Horn 76-48) ¹⁵	• NOCHELES Lec. 74-453 ¹⁷
	• (Thricomigus Horn 76-48) ¹⁶	(Panscopideus Pierce 13- [394] ¹⁷)
	• (Mellomorphus Horn 76-40) ¹⁹⁻²⁰ ¹⁶	
segnis Lec. 57-56	Cal. Ore.	torpidus Lec. 57-55 Wash. Ore.
lecontei Csy. 95-811	Cal.-Wash.	squamatus Pierce 13-394 Ore.
simplex VanD. 33-37	Ore.-Wash.	v.dentipes Pierce 13-395 ¹⁷ Wash.
verrucifer Csy. 95-812	Ida.-B.C.	michelbacheri Ting 38-121 Cal.
bituberculatus Pierce 13-388 ¹⁵		DOLICHONOTUS Buch. 36-9 ¹⁷
denticulatus Pierce 13-388	Cal.	convergens Buch. 36-10 Ore.
alepidotus Ting 37-79	Cal.	oregonensis Buch. 36-11 Ore.
granicollis Lec. 69-380	B.C.-Cal.	PSEUDOPANSOPUS Buch. [27-33] ¹⁷
sculptilis Csy. 88-250 ¹⁵		costatus Buch. 27-33 B.C. Wash.
discors Csy. 95-814 ¹⁵		NEOPANSOPUS Pierce 13- [397] ¹⁷
debilis Csy. 95-815 ¹⁵		
s.tumidus Csy. 95-813 ¹⁵	Cal.	æqualis Horn 76-55 Kan.-Alb.-B.C.-Cal.
s.vestitus VanD. 33-39	Cal.	cinereus Horn 76-55 ¹⁷
viridescens VanD. 33-33	Ore.	vestitus Csy. 88-251 ¹⁷
squamipunctatus Pierce 09-350	Cal.	squamifrons Pierce 13-397 Cal.
wilcoxi VanD. 33-40	Ore.	wickhami Buch. 36-13 Cal.
decoratus Lec. 69-381	Cal.-B.C.	NOMIDUS Csy. 95-818 ¹⁷
ursinus Horn 76-51	Ore.	johnsoni VanD. 35-9 Wash.
raucus Horn 76-51	Cal. Vanc.	bufo Buch. 27-31 Cal.
ciliatus Pierce 13-385 ¹⁵		abruptus Csy. 95-819 Cal. Wash.
tanneri VanD. 33-42	Utah	rugicollis Buch. 27-31 Wash. Ore.
wasatchensis Tanner 33-147	Utah	schwarzi Buch. 27-30 Ut. Ida.
argillous VanD. 35-7	Utah	longus Buch. 36-16 Wash.
remotus VanD. 33-3	Ore.	pallidus Buch. 27-31 B.C. Wash. Mont.
blaisdelli VanD. 33-42	Cal.	tricarinatus Buch. 27-32 Ore.
bakeri VanD. 33-43	Cal.-Wash.	bakeri Buch. 36-17 Wash.
luteus Horn 76-48	Colo. Mont. Wash.	ovalis Pierce 13-396 Alb.
granulatus Csy. 88-248	Cal. Ore.	• • •
deciduus Horn 76-52	Cal.	coloradensis VanD. 36-80 Colo.
sordidus Horn 76-52	Cal.	
elongatus Horn 76-53 ¹⁵		
alternatus Horn 76-52	Mont. Alb. [Wash. Cal.	
tessellatus Csy. 88-249	Cal.	
franciscanus VanD. 33-45	Cal.	
nigrescens Pierce 13-384	Wash.	Tanymecus
niger Horn 76-40	Nev.	texanus VanD. 35-86 Tex.
dolorosus VanD. 33-46	Cal.	
		HORMORINI ¹⁸
Adaleres		
flandersi VanD. 35-8	Cal.	Hormorus ¹⁸
Panscopus Schönh. 42-266 ¹⁷		Agasphaerops Horn 76-24 ¹⁸
PANSOPUS (s.str.)		• nigra Horn 76-25 Cal.
alternatus Schffr. 08-214 N.C.Ga.W.Va.		sulcirostris Pierce ¹⁹
erinaceus Say 31-12 N.H.-Va.-Wis.		
carinatus Pierce 13-398 ¹⁷		
impressus Pierce 13-395	S.E.St.	Lupinocolus VanD. 36-81 ¹⁸
s.thoracicus Buch. 36-4	N.C.	• blaisdelli VanD. 36-82 Cal. Nev.
alternatus Pierce 13-394 ¹⁷		• • •
PARAPANSOPUS Buch. 36-		
[5 ¹⁷		
maculosus Flatch. 16-105 N.Y.-Ky.-Ia.		
ovatipennis Buch. 36-6	Ont.	
s.verrucosus Buch. 36-7	Pa.	
PHYMATINUS Lec. 69-382 ¹⁷		
gemmatus Lec. 57-56	Cal.-Wash.	

12 Van Dyke—34.

12 Revision of genus, Van Dyke—33.

¹⁴ Used also as subgenera. Van Dyke—33.

"Revision of genus, Buchanan" - 36.

¹⁸ Revision of new tribe in Brachyrhininæ, Van Dyke—36.

¹⁹ Transferred from *Panscopus* (*Phymatinus*).
Buchanan—36.

Mimetes Schönh. 47-23 ¹¹		Cryptolepidus VanD. 36-191 ²³
* (Amotus Csy. 88-237) ^{10 11}		(<i>Lepidopus</i> VanD. 36-76)
(<i>Stamoderes</i> Csy. 88-237) ^{10 11}		
setulosus Schönh. 63-40	Cal.	Trigonoscuta ²⁴
<i>gracilior</i> Csy. 88-245 ¹¹		<i>imbricata</i> VanD. 36-83
<i>longisternus</i> Csy. 88-244 ¹¹		Cal.
uniformis Csy. 88-237	Cal.	Thysanocorynus VanD. 38-5 ²⁴
longipennis Pierce 09-348	Cal.	<i>aridus</i> VanD. 38-6
seniculus Horn 76-45	Cal.	
lanei VanD. 35-86	Wash. Ore.	Stereogaster VanD. 36-84 ²⁵
lasalanus Tanner 34-287	Utah	<i>globosa</i> VanD. 36-85
<i>Epacas</i> p 66		
Pantomorus Schönh. 39-942 ²⁰		Otiorrhynchus
GRAPHOGNATHUS Buch. 39-		<i>arcticus</i> Fabr. 80-188 ²⁶ Greenl. Lapl.
[11 ²⁰		
leucoloma Boh. 40-62 ²¹ S.A. Australia,		Sciopithes Horn 76-62 ²⁷
[Fla.-La.		
peregrinus Buch. 39-14	Miss.	
ATRICHONOTUS Buch. 39-15 ²⁰		
taeniatus Berg 81-61	Fla.-Tex. S.A.	* obscurus Horn 76-63 B.C.-Cal.
texanus Pierce 11-49 (Artipus) ²⁰		<i>significans</i> Csy. 88-255 ²⁷
ASYNONYCHUS Cr. 67-388 ²⁰		<i>brunalis</i> Csy. 88-256 ²⁷
(<i>Aramigus</i> Horn 76-93) ²⁰		<i>angustulus</i> Csy. 88-257 ²⁷
(<i>Aomopactus</i> Jekel in Horn		<i>arcuatus</i> Csy. 88-257
[76-94) ²⁰		<i>intermedius</i> VanD. 35-90
godmani Cr. 67-389	N.A. S.A. C.A.	<i>insularis</i> VanD. 35-90
fulleri Horn 76-94 ²⁰ [Africa, Orient,		<i>sordidus</i> VanD. 35-91
olindae Perkins 00-130 ²⁰		<i>setosus</i> Csy. 88-258
ovulum Jekel, Hust. 22-100 ²⁰		
?subvittatus Fairm. & Germ. 61-7 ²⁰		Mylocerus Schönh. 26-178 ²⁸
tessellatus Say 24-318	Ill.-Okla. Kan.	<i>castaneus</i> Røelofs 73-168 ²⁹ Jap. Sib. [?N.A.
sublineatus Dej. 37-289 ²⁰		
?durius Boh. 40-27 ²⁰		Trachyphloeus
?candida Horn 07-248 ²⁰		
pallidus Horn 76-94	Ill.-Tex.-Colo.	* bifoveolatus Beck 17-22 ³⁰ Eur. N.S. [N.B. N.Y.
?durius Boh. 40-27 ²⁰		<i>davisi</i> of authors (not Blatch.) ³⁰
?candida Horn 07-248 ²⁰		
PHACEPHOLIS Horn 76-95 ²⁰		Paraptochus Seidl. 68-35 ¹¹
elegans Horn 76-95		* sellatus Boh. 59-126 Cal.
v.elegans (s.str.)	Neb.-Tex.-Cal.	<i>setiferus</i> VanD. 35-93 Cal.
metallicus Pierce 13-417 ²⁰		<i>uniformis</i> VanD. 35-95 Cal.
v.viridis Pierce 09-361 ²⁰	Tex. Mex.	
v.pallidulus VanEmd. 36-28 ²⁰	Tex.	Stenoptochus
pallidus Pierce 10-363 ^{20 22}		
v.eximius Buch. 39-32 ²⁰	Tex.	<i>vanduzeei</i> VanD. 35-95 Cal.
texanellus Buch. 39-36	Tex.	
texanus Pierce 13-417 ²⁰		Omias
candidus Horn 76-97	Kan.-S.D.-Mont.-	
nebraskensis Pierce 13-416 ²⁰	[Colo.	<i>albus</i> VanD. 35-96 Wash.
planiatus Buch. 39-36	Neb.-N.M.-Mont.	
obscurus Horn 76-96	Kan.-Tex.	Anchitelus VanD. 36-19 ³¹
Mesagroicus		<i>alboviridis</i> VanD. 36-19 Cal.
elongellus VanEmd. 36-30	Ore.	
elongatus Buch. 29-10 ²²		Peritelinus Csy. 88-263
v.nevadicus Buch. 29-11 ²²	Nev.	* erinaceus VanD. 36-20 Cal.
v.incertus Buch. 29-11 ²²	Wash.	<i>variegatus</i> Csy. 88-263 Cal.
10 Van Dyke—34.		<i>oregonus</i> VanD. 36-21 Ore.
11 Revision of genus, Van Dyke—35.		
20 Revision of genus, Buchanan—39.		²³ Subfamily Brachyrhinae, Van Dyke—36.
21 First reported in genus <i>Naupactus</i> , Watson—37, etc.		²⁴ Tribe Trigonoscutini, Van Dyke—36.
22 Von Dalla Torre & Van Emden—36.		²⁵ Tribe Calyptilini, Van Dyke—36.
		²⁶ Henriksen—35.
		²⁷ Revision of genus, Van Dyke—35.
		²⁸ To follow <i>Neoptochus</i> .
		²⁹ Authority not known.
		³⁰ Buchanan—37.
		³¹ To follow <i>Periteloides</i> in tribe Simoini, Van Dyke—36.

Nemocestes VanD. 36-22 ³²
 • (Geoderces Horn 76-70)³²
 horni VanD. 36-25 Mich. Kan. N.Y.
 melanothrix of Horn 76-71 ³²
 incomptus Horn 76-72 B.C.-Cal. Wyo.
 longulus VanD. 36-26 Cal.
 sordidus VanD. 36-26 Cal.
 montanus VanD. 36-27 Cal.-Wash.
 puncticollis Csy. 88-264 Cal.
 tuberculatus VanD. 36-28 Cal.
 koebelei VanD. 36-183 Cal.
 koebelei VanD. 36-29 Cal.
 expansus VanD. 38-4 Cal.

Aragnomus
 setosus VanD. 36-30 Cal.

Eucyllus Horn 76-74 ³³
 • (Encyillus VanD. 36-31)³³
 vagans Horn 76-74 Ariz. Cal.
 echinus VanD. 36-31 Cal.
 unicolor VanD. 36-32 Cal.

Sitona
 cylindricollis Fahr. 40-269 ^{34 35} Eur.
 lineatus Linn. 58-385 ³⁶ Eur. B.C.
 cockerelli Blais. 38-31 [San Miguel Id. L.Cal.

Lepidophorus Kby. 37-201 ³⁷
 • (Lophalophus Lec. 76-120)³⁷
 inquinatus Mannh. 52-351 Alaska
 rainieri VanD. 30-149 Wash.
 angulatus Buch. 36-4 Ida. Wash.
 plumosus Buch. 36-6 Colo.
 lineaticollis Kby. 37-201 Y.T. Can. Alas.
 pumilus Buch. 36-7 B.C.
 bakeri Buch. 36-8 Wash.
 s.utensis Buch. 36-10 Utah
 alternatus VanD. 30-150 Wash. Ore.
 setiger Hamilt. 95-347 N.Y.-Va. St.Vinc.

Lepyrus ³⁸
 labradorensis Blair 33-96 Arctic N.A.
 colon of Harring. ³⁸
 nordenSKIÖLDI Faust. 85-34
 s.cæsius Cslkl. 34-7
 cinereus || VanD. 28-55 ³⁸

Listroderes
 obliquus Klug 29-? S.A. Miss. Cal.
 obliquus Gyll. 34-277 ^{39 40} [Afr.
 novica French 08-? ^{39 40} [Australia
 costirostris of authors ³⁹

³¹ Revision of genus, Buchanan—36.
³² Buchanan—37.
³³ Revision of genus, Van Dyke—36.
³⁴ Revision of genus, Van Dyke—36.
³⁵ Buchanan in litt.
³⁶ Cesar—36.
³⁷ Downes—38.
³⁸ Belongs in Cleonina according to Marshall—32 (p. 344).
³⁹ Brown—37.
⁴⁰ Csiki—34.
⁴¹ Placed as synonyms of costirostris by Essig—33.

Hylobius Germ. 17-340 "
 • congener DallaT., Sch. & Marsh. 32-
 confusus || Khy. 37-196 "
 pales Hbst. 97-31 Can.-Fla.-Tex.-Minn.
 radicis Buch. 34-252 N.Y. Minn.

Cholus Germ. 24-212 "
 • catoleucus Chev. 81-482 N.A.
 cattleyæ Champ. 16-201 S.A. Wis. D.C.
 cattleyarum Barber 17-178 ⁴² [N.J.
 forbesi Pasc. 76-xxx S.A. N.J.

Smicronyx
 dietzi Klima 34-95 N.J. D.C. Ind.
 nebulosus || Dietz 94-157 ⁴³
 fallaciosus Klima 34-95 Tex. Kan.
 fallax || Dietz 94-157 ⁴³
 albidosquamosus Klima 34-94 Ariz.
 albosquamosus || Dietz 94-168 ⁴³

Sthereus Mots. 45-374 ⁴⁴
 • (Trachodes of authors, not Grm.)⁴⁴
 ptinoides Germ. 24-327 B.C.-Alas.
 quadrituberculatus Mots. 52-355 Cal.-
 multituberculatus Buch. 36-179 Ore.-
 [Alas.

Lobosoma Buch. 36-180 "
 • (Aparapion of authors)⁴⁵
 horridum Mannh. 52-354 Ore.-Alas.

Gastrotaphrus Buch. 36-180 "
 • barbieri Buch. 36-181 Cal.-B.C.

Thysanoenemis
 caseyi Klima 34-3 Nebr.
 brevis || Csy. 10-129 ⁴⁶

Magdalis
 piceæ Buch. 34-85 Mass. N.H.

Anthonus
 blatchleyi Schenk. & Marsh. 34-40 Fla.
 australis || Blatch. 25-98 ⁴⁷
 17207, for 43-232 read 33-232 "
 univestus Schenk. & Marsh. 34-51 Fla.
 uniformis || Blatch. 16-300 ⁴⁸

Epimechus
 arenicolor Fall 01-265 Ariz.
 baccharidis Pierce 08-178 (Anthono-
 [mus])⁴⁹

Rhynchaenus Clair.-Sch. 98-70
 (Orchestes Ill. 98-498)⁵⁰

³⁷ Revision of genus, Buchanan—36.
⁴¹ Revision of genus, Buchanan—34.
⁴² Revision of genus, Klima—36.
⁴³ Klima—34.
⁴⁴ To follow Lobosoma in Trachodini, Buchanan—36.
⁴⁵ Schenckling & Marshall—34.
⁴⁶ Chamberlin in litt.
⁴⁷ Fall—34.
⁴⁸ Buchanan—39.

Gymnætra Schönh. 26-319 ⁴⁹
 * *antirrhini* Payk. 00-257 Mass.-N.J.
netum Germ. 21-307 Conn.-Va.-Ia.
teter Fabr. 01-448 Can.-Ga.-Tex.-Wash.

Cleonus Schönh. 26-145
 DINOCLEUS Csy. 91-176
capillous Csiki 34-66 Cal.
pilosus || Lec. 76-145 ⁵⁰
structor Csiki 34-67 Cal. Ariz.
molitor || Lec. 58-78 ⁵⁰
 CLEONIDIUS Csy. 91-176
(Aptelurus Chev. 73-78. part ⁵⁰)
americanus Csiki 34-64 Cal.
basalis || Fall 97-242 ⁵⁰
placidus Csiki 34-65 Cal.
pacificus Fall 01-260 ⁵⁰
coloradensis Csiki 34-64 Colo.
canescens || Lec. 76-151 ⁵⁰
lecontellus Csiki 34-64
carinicollis || Lec. 76-152 ⁵⁰
stratus Csiki 34-65 Colo.
sparsus || Lec. 76-152 ⁵⁰

Lixus
blatchleyi Csiki 34-120 Mich.
cavicornis || Blatch. 22-113 ⁵⁰

Baris
caseyi Hust. 38-51 Colo. Tex. La.
vagans || Csy. 20-318 ⁵¹
blatchleyi Hust. 38-51 Fla.
australis || Blatch. 20-168 ⁵¹
lengi Hust. 38-54 Ont.
carbonaria || Bl. & Leng 16-356 ⁵¹

Cosmobaris Csy. 20-344 ⁵²
 * *scolopacea* Germ. 24-202 ⁵² ⁵³ R.I.-Ia.
americana Csy. 20-344 ⁵³ ⁵⁴ [Eur.
squamiger Hayes 36-27 ⁵³ ⁵⁴
sionilli Hayes 36-28 ⁵³ ⁵⁴

Orchidophilus Buch. 35-45 ⁵⁵
 * *(Acythopeus* of authors) ⁵⁵
peregrinator Buch. 35-46 Hawaii, P.I.
 [D.C.
gilvonotatus Barber 17-17 Orient, D.C.
 [Cal.
orchivora Blackb. 00-61 N.J.

Acanthoscelis
utahensis Tanner 34-48 Utah

Ceutorhynchus
assimilis Payk. 00-257 ⁵⁵ Eur. Wash.
punctiger Gyll. 37-538 Eur. Que.-N.J.
marginatus of authors ⁵⁹ [Ind.
americanus Buch. 37-205 Que.-Md.-
cyanipennis of authors ⁵⁹ [Tex.-B.C.

Perigaster
lituratus Dietz 96-457 Ont.- N.J.-Ia.
longirostris Buch. 31-323 ⁵⁰ [Wash.

Phytobius Schönh. 36-458 ⁴⁹
 * *(Pelonomus* Thoms. 59-138) ⁴⁹
 17827 to 17834, belong here
(Eubrychius Thoms., not No. Amer.) ⁵⁰

Litodactylus Redt. 49-399
 * *griseomicans* Schw. 91-165 ⁴⁹ Wis.-Kan.-
 [Wash.

Eubrychiopsis Dietz 96-474 ⁴⁹
 * *lecontei* Dietz 96-475 Mich. Wis. Ia.
albertanus Brown 32-11 B.C.-Alb.

Collabismodes Champ. 05-541 ⁵⁵
 * *cubæ* Boh. 44-342 ⁵⁵ Cuba, Fla.
ater Blatch. 28-238 ⁵⁷ Fla.

Conotrachelus Schönh. 37-392
(Loceptes Csy. 10-130) ⁵⁰
recessus Csy. 10-130 Kan. Okla. Ark.
atokanus Fall 13-65 ⁵⁰ [Tex.

Euscepes
postfasciatus Fairm. 49-513 (Crypto-
[rhyynchus] ⁴⁸ Cal. Tropics
batatæ Waterh. 49-LXIX ⁴⁸

Sternochetus Pierce 17-143
(Cryptorhynchidius Pierce 19-25) ⁴⁸
mangiferæ Fabr. 75-139 (Cryptorhyn-
[chus] ⁴⁸ E. Ind. Fla.
lapathi Linn. 46-591 (Cryptorhynchus) ⁴⁸
 [Eur. N.A.]

Cossus ⁵⁵
americanus Buch. 36-112 Que.-Cal.-
 [Wash.
subareatus of authors (part) ⁵⁷
pacificus VanD. 16-74 Ariz.-Cal.-
 [B.C. Que.
rufipennis Buch. 36-114 Kans. Dak. Mo.
subareatus of authors (part) ⁵⁷

Sitophilus Schönh. 38-979
(Calandra of authors) ⁵⁹
(Calendra of authors) ⁵⁹
dietrichi Satt. 33-210 Miss. Ala.
lucedalensis Satt. 33-212 Miss.

PLATYPODIDÆ

Platypus

blanchardi Chap. 66-185 ⁵⁰ Fla.
 18168, for 15-48 read 16-97 ⁴⁸

⁴⁹ Revision of genus, Buchanan—37.⁵⁰ Csiki—34.⁵¹ Hustache—38.⁵² Revision of genus, Hayes—36.⁵³ Fall—37.⁵⁴ Listed as valid species by Hayes—36.⁵⁵ Revision of genus, Buchanan—35⁵⁶ Baker—36.⁵⁷ Chamberlin in litt.⁵⁸ Buchanan—39.⁵⁹ Junk Cat. p. 151, p. 210.⁶⁰ Revision of *pacificus*-group, Buchanan—36.⁶¹ Satterthwait in litt.⁶² Valid species, Schedl—33.

SCOLYTIDÆ

Scolytus Geoffr. 62-310⁶¹

• (Eccoptogaster Hbst. 93-124) ⁶¹	
rugulosus Ratz. 37-187	Eur. N.A.
muticus Say 24-323	E.U.S.
fagi Walsh 67-38	Ill. Tex.
sulcatus Lec. 68-167	Conn.-N.J.
reflexus Blackm. 34-13	Ariz.
wickhami Blackm. 34-13	Colo. N.M. [Ar. Ut.
tsugæ Sw. 17-32	Cal.-B.C.-Alb.
monticolæ Sw. 17-32	Or.-B.C.-Wyo.
quadrispinosus Say 24-323	N.A.
caryæ Riley 67-? ⁶¹	
subscaber Lec. 76-371	Cal.-B.C.
oregoni Blackm. 34-18	Ore.
robustus Blackm. 34-19	Colo. N.M. [Ar. Ut.
præceps Lec. 76-371	Cal.-Tex.
opacus Blackm. 34-20	Colo. Ut. Mont.
abietis Blackm. 34-21	Ida.
ventralis Lec. 68-167	B.C.-Cal. [N.M.-Mont.
scolytus Fabr. 75-59	Eur. ?U.S.
californicus Lec. 68-165 ⁶¹	
sobrinus Blackm. 34-23	Wash. Or. Wyo.
laricis Blackm. 34-24	Ida. Mont.
fliskei Blackm. 34-25	N.M. Colo.
unispinosus Lec. 76-371	Cal.-B.C.
piceæ Sw. 10-34	Que.-N.Y.-Mont.
multistriatus Marsh. 02-54	Eur. Mass.- [Pa.

Hylesininae⁶³Crypturgus⁶²Dolurgus⁶²Polygraphus⁶²Caphoborus⁶²

cressatyi Bruck	36-36
vandykei Bruck	33-104
swainei Bruck	33-105

Renocis^{62 63}

penicillatus Brown	33-239
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Pseudoeryphalus

maclayi Bruck	36-35
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Chramesus Lec. 68-168^{62 63}

• (Rhopalopleurus Chap.	69-46) ⁶³
bicorniæ Lec.	68-168 Can.-Ga.-Miss.
icoriæ Lec.	76-375 ⁶³
lecontei Chap.	69-46 ⁶³
asperatus Schffr.	08-220 Ariz.
subopacus Schffr.	08-221 Tex. Ariz.
canus Blackm.	38-541 La.
gibber Blackm.	38-541 N.Mex.
chapuisil Lec.	76-375 Pa.-Fla.-Tx.-Kan.
dentatus Schffr.	08-221 Ariz.
mimosæ Blackm.	38-544 Tex. Mex.

Phthorophleus⁶²Tomicus⁶²Dendroctonus⁶²Phloeosinus⁶²

piceæ Sw.	34-205	Que.
granulatus Bruck	36-33	Cal.
setosus Bruck	33-54	Cal.
frontalis Bruck	33-55	Cal.
swainei Bruck	33-56	

minutus || Sw. 17-9⁶⁴Chætophleus⁶²Xylechinus⁶²Leperisinus⁶²Dendrosinus⁶²Scierus⁶²Hylastinus⁶²Alniphagus⁶²Hylurgopinus⁶²

Pseudohylesinus	62
serratus Bruck	36-37

Cal.

Hylurgops⁶²Hylastes⁶²

porculus Er.	36-49	E.N.A.
granosus Chap.	69-73 ⁶³	
scaber Sw.	17-18 ⁶³	

swainei Egg. 34-25 E.Can. Minn.

porculus of Sw. 18-78⁶³

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⁶¹ Revision of genus, Blackman—31.⁶² Rearrangement of genera in subfamily Hylesininae, Bruck—36.⁶³ Revision of genus, Blackman—38.⁶⁴ Bruck—33.⁶⁵ Egerer—34.

Pseudothysanoes Blackm. 20-46 ⁴⁶

- * *hopkinsi* Blackm. 28-200
- partoni* Bruck 36-32
- drakei* Blackm. 20-48
- rigidus* Lec. 76-362
- sulcatus* Bruck 36-33
- phorodendri* Blackm. 28-202
- lecontei* Blackm. 20-49
- sedulus* Blackm. 28-204
- gambetti* Blackm. 28-205
- barberi* Blackm. 28-206

Cactopinus Sz. 99-11 ⁶³

- * *hubbardi* Sz. 99-11
- pini* Blackm. 38-153
- rhois* Blackm. 38-154
- koebeliae* Blackm. 38-156

Pterocyclon Eich. 68-276 ⁶¹

- obliquecaudatum* Schedl 35-351

Hypothenemus

- citri* Ebeling 35-21

⁶⁶ Revision of genus, Bruck—36.

⁶⁷ Used as valid genus by Schedl—35.

Cryphalus

- Cal. 18374, for Cal. read Ore. ⁶⁸
- Cal. 18375, for Cal. read Ore. ⁶⁸
- N.Y.

Gnathotrichus

- 22039, for Colo. read B.C. Wash. ⁶⁹
- 22040, for B.C. Wash. Ore. Cal. read [S.D. Colo.

Aneyloderes Blackm. 38-205 ⁷⁰

- * *pilosus* Lec. 68-154
- pilosulus* Lec. 68-166 ⁷¹
- saltoni* Blackm. 38-206

Ips

- montanus* Eichh. 81-219 ⁷² Cal. or Tex.

Xyleborinus

- tsugae* Sw. 34-204
- librocedri* Sw. 34-205

B.C.

Ore.

⁶⁸ Chamberlin in litt.

⁶⁹ H. B. Leech in litt.

⁷⁰ To follow *Pseudopityophthorus*.

⁷¹ Blackman—38.

⁷² Eggers—34.

ADDITIONAL NECROLOGY

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Beutenmuller, W., d. February 24, 1934.
Bolster, P. G., d. May 22, 1932.
Carr, F. S., b. January 1, 1881; d. May 16, 1934
Fenyves, A., b. November 17, 1863; d. February 22, 1937.
Field, G. H., d. June 12, 1937.
Handlirsch A., d. August 28, 1935.
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Kellogg, V. L., b. December 1, 1867; d. August 8, 1937.
Klages H. G., d. October 26, 1936.
Nevermann, F., d. July 3, 1938.
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Stickney, F. S., b. August 6, 1892; d. August 15, 1936.
Tillyard R. J., d. January 13, 1937.
Urich, F. W., d. June 22, 1937.
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Wickham, H. F., b. October 26, 1866; d. November 17, 1933.

As this supplement goes to press we have word of the passing, on November 14th, 1939, of our most eminent worker on North American Coleoptera,

HENRY CLINTON FALL.

The publisher, his close friend for fifty years, and his many entomological and other friends feel their loss very deeply, and workers on Coleoptera all over the land will sadly miss his assistance and encouragement.

In spite of severe physical handicaps, patiently endured throughout his lifetime, Dr. Fall accomplished a vast amount of most valuable work on the taxonomy of North American beetles, describing some 1,400 new species—few of which were ever challenged as being synonyms—and his excellent monographic works on various families and genera of these insects are well known and in constant use.

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THIRD SUPPLEMENT TO
CATALOGUE OF NORTH AMERICAN COLEOPTERA
DESCRIBED AS FOSSILS

The few fossil beetles described as new in the years 1933 to 1938 inclusive are listed below. Names in brackets were invalid as published. One new abbreviation is used.

Ariz. Trias. Chinle Formation, Petrified Forest National Monument, Holbrook, Arizona.

CARABIDÆ

Scaphinotus Dej.

minor Horn 76-243, belongs in subg. *Irichroa*¹.

¹ Lapouge—32.

wheatleyi Horn 76-242, belongs in subg. *Scaphinotus*¹.

Carabus Linn.

mæander Fisch., belongs in sub. *Eucarabus*².

v.sangamon Wickh., belongs in subg. *Eucarabus*².

² Breuning, 32-37.

Patrobus Dej.³

³ Revision of genus, Darlington—38.
gelatus Scudd. 90-530³

Tor.⁴ Scar. Pleist.

decessus Scudd. 00-73³

Scar. Tor.⁴ Pleist.

frigidus Scudd. 00-74³

Tor.⁴ Pleist.

stygicus Chd. 71-46³

Recent.

henshawi Wickh. 17-140

Ill. Pleist.

⁴ Coleman—33, as valid species.

Elaphrus Fab.

irregularis Scudd.

Tor.⁴ Scar. Pleist.

Loricera Latr.

glacialis Scudd.

Tor.⁴ Scar. Pleist.

lutosa Scudd.

Tor.⁴ Scar. Pleist.

exita Scudd.

Tor.⁴ Scar. Pleist.

Bembidium Latr.

glaciatum Scudd.

Tor.⁴ Scar. Pleist.

vestigium Scudd.

Tor.⁴ Scar. Pleist.

vanum Scudd.

Tor.⁴ Scar. Pleist.

præteritum Scudd.

Tor.⁴ Scar. Pleist.

damnosum Scudd.

Tor.⁴ Scar. Pleist.

Pterostichus Bon.

abrogatus Scudd.

Tor.⁴ Scar. Pleist.

destitutus Scudd.

Tor.⁴ Scar. Pleist.

fractus Scudd.

Tor.⁴ Scar. Pleist.

destructus Scudd.

Tor.⁴ Scar. Pleist.

gelidus Scudd.

Tor.⁴ Scar. Pleist.

depletus Scudd.

Tor.⁴ Scar. Pleist.

Platynus Bon.

casus Scudd.

Tor.⁴ Scar. Pleist.

hindei Scudd.

Tor.⁴ Scar. Pleist.

halli Scudd.

Tor.⁴ Scar. Pleist.

dissipatus Scudd.

Tor.⁴ Scar. Pleist.

desuetus Scudd.

Tor.⁴ Scar. Pleist.

harttii Scudd.

Tor.⁴ Scar. Pleist.

delapidatus Scudd.

Tor.⁴ Scar. Pleist.

exterminatus Scudd.

Tor.⁴ Scar. Pleist.

interglacialis Scudd.

Tor.⁴ Scar. Pleist.

longævus Scudd.

Tor.⁴ Scar. Pleist.

Harpalus Latr.

conditus Scudd.

Tor.⁴ Scar. Pleist.

DYTISCIDÆ

Cœlambus Thoms. derelictus Scudd. disjectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Hydroporus Clairv. inanimatus Scudd. sectus Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Agabus Leach perditus Scudd.	Tor. ⁴ Scar. Pleist.

GYRINIDÆ

Protogyrininus Hatch confinis Lec.	Tor. Pleist. ⁴
--	---------------------------

HYDROPHILIDÆ

Cymhodyta Bedel extincta Scudd.	Tor. ⁴ Scar. Pleist.
---	---------------------------------

STAPHYLINIDÆ

Olophrum Er. celatum Scudd. arcانum Scudd. dejectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Arpedium Er. stillicidii Scudd.	Tor. ⁴ Scar. Pleist.
Acidota Mannh. crenata Fabr. v.nigra Scudd.	Tor. ⁴ Scar. Pleist.
Geodromicus Redt. stiricidii Scudd.	Tor. ⁴ Scar. Pleist.
Bledius Mannh. glaciatus Scudd.	Tor. ⁴ Scar. Pleist.
Oxyporus Fabr. stiriatus Scudd.	Tor. ⁴ Scar. Pleist.
Lathrobium Grav. frustrum Scudd. inhibitum Scudd. debilitatum Scudd. interglaciale Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Cryptobium Mannh. cinctum Scudd. detectum Scudd.	Tor. ⁴ Scar. Pleist. Tor. ⁴ Scar. Pleist.
Philonthus Curt. claudus Scudd.	Tor. ⁴ Scar. Pleist.
Quedius Steph. deperditus Scudd.	Tor. ⁴ Scar. Pleist.

BUPRESTIDÆ

[*Paleobuprestis* Walker 38-138⁵][*maxima* Walker 37-138⁵

Ariz. Trias.]

[*minima* Walker 38-139⁵

Ariz. Trias.]

⁵ Walker—38; these names are invalid because they are not based upon specimens of insects but rather upon reputed evidence that the insects once existed.

CHRYSOMELIDÆ

Donacia Fab.*stiria* Scudd.Tor.⁴ Scar. Pleist.*pompatica* Scudd.Tor.⁴ Scar. Pleist.

SCOLYTIDÆ

[*Paleoscolytus* Walker 38-139⁵][*divergus* Walker 38-139⁵

Ariz. Trias.]

[*Paleoipidus* Walker 38-140⁵][*perforatus* Walker 38-140⁵

Ariz. Trias.]

[*marginatus* Walker 38-140⁵

Ariz. Trias.]

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Walker

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